

TEST NAME	ULTRA CODE	SAMPLE TYPE	TESTING LAB	TURN AROUND TIME	COMMENTS/ NOTES	NUFFIELD REFERENCE RANGE	HOLLY AND PARKSIDE SPECIFIC REFERENCE RANGE
17 ALPHA OH PROGESTERONE (17 Hydroxy-progesterone)	17O	Serum Gold Top	REFERRAL LAB	7 Days			
5HIAA (Urinary 5 Hydroxyindole acetic acid)	5HU	24 hr Urine*	REFERRAL LAB	5 Days	Contact Laboratory for containers/instructions* Acidified Urine required (Foods to be avoided: walnut; avocado; banana; chocolate; kiwi; pineapple; plums; tomato – on pt. info sheet)		
7 STI CHECK	STI	First Catch Random Urine	REFERRAL LAB	5 Days	Chlamydia, Gonorrhoea, Mycoplasma genitalium, Ureaplasma urealyticum, Trichomonas vaginalis, Gardnerella, Herpes Simplex I/II		
ACTH	ACT	EDTA	REFERRAL LAB	4 Days	Sample must be transported as soon as possible. Sample must be spun and plasma frozen.		
ACTIVE-B12	A12	Serum Gold Top	IN-HOUSE	4 Days		37.5-188	

ADENOVIRUS ANTIGEN (FAECES)	ADV	Faeces	REFERRAL LAB	8 Days			
ADRENAL ANTIBODIES	ADR	Serum Gold Top	REFERRAL LAB	3 Days			
ALCOHOL BLOOD	ALC	Oxalate	REFERRAL LAB	3 Days			
ALCOHOL SCREEN (URINE)	ACU	Random Urine	REFERRAL LAB	2 Days			
ALDOLASE (SERUM)	ALO	Serum Gold Top	REFERRAL LAB	6 Days			
ALDOSTERONE	ALD	Serum Gold Top	REFERRAL LAB	5 Days			
ALK. PHOS. ISOENZYMES	ALI	Serum Gold Top	REFERRAL LAB	5 Days			
Allergy Antibiotics Profile	APA	Serum Gold Top	IN-HOUSE	10 Days		N/A	
Allergy Cereal Profile	APC	Serum Gold Top	IN-HOUSE	10 Days		N/A	
Allergy Childrens Profile	CP	Serum Gold Top	IN-HOUSE	10 Days		N/A	
ALLERGY COMPONENT TEST	ISA	Serum Gold Top	REFERRAL LAB	10 Days			
Allergy Feathers(Domestic Birds) Profile	PFD	Serum Gold Top	IN-HOUSE	10 Days		N/A	
Allergy Feathers(Farm fowl) Profile	PFB	Serum Gold Top	IN-HOUSE	10 Days		N/A	
Allergy Fin Fish Profile	PFF	Serum Gold Top	IN-HOUSE	10 Days		N/A	
Allergy Food & Inhalant Profile	PFI	Serum Gold Top	IN-HOUSE	10 Days		N/A	
Allergy Food profile	APF	Serum Gold Top	IN-HOUSE	10 Days		N/A	

Allergy Inhalant Profile	API	Serum Gold Top	IN-HOUSE	10 Days		N/A	
Allergy Inhalant Profile	API	Serum Gold Top	IN-HOUSE	10 Days		N/A	
Allergy Insect Venom Profile	APV	Serum Gold Top	IN-HOUSE	10 Days		N/A	
Allergy Mould Mix profile	PMM	Serum Gold Top	IN-HOUSE	10 Days		N/A	
Allergy Nuts & Seeds Profile	APN	Serum Gold Top	IN-HOUSE	10 Days		N/A	
Allergy Shell Fish Profile	APS	Serum Gold Top	IN-HOUSE	10 Days		N/A	
Allergy Spice Mix 1	AS1	Serum Gold Top	IN-HOUSE	10 Days		N/A	
ALPHA 1 ANTI-TRYPSIN	ALP	Serum Gold Top	IN-HOUSE	5 Days		0.9 - 2	
ALPHA 1 ANTITRYPSIN (STOOL)	A1A	Faeces	REFERRAL	7 Days			
ALPHA GALACTOSIDASE	AGL	Serum Gold Top	REFERRAL	7 Days			
ALPHA-1-ANTITRYPSIN GENOTYPE	ALG	EDTA Purple Top	REFERRAL	10 Days	Clinical history must be provided.		
ALPHAFOETOPROTEIN (AFP)	AFM	Serum Gold Top	IN-HOUSE	3 Days		< 5.8	PARK <7.22
ALPHA-SUBUNIT (TSH)	ASU	Contact Lab for Advice	REFERRAL LAB	20 Days			
ALUMINIUM	ALU	Trace Metal	REFERRAL LAB	7 Days			
AMINO ACID SCREEN (PLASMA/SERUM)	AAP	EDTA Purple Top	REFERRAL LAB	7 Days	Frozen EDTA Plasma		
AMINO ACIDS (URINE)	AAU	Random Urine	REFERRAL LAB	7 Days	Send Frozen		

AMINOPHYLLINE	AMI	Serum Gold Top	REFERRAL LAB	3 Days			
AMIODARONE LEVEL	AMO	EDTA Purple Top	REFERRAL LAB	5 Days			
AMOEBC ANTIBODIES	AAB	Serum Gold Top	REFERRAL LAB	5 Days			
AMYLOID A PROTEIN	AMA	Serum Gold Top	REFERRAL LAB	5 Days			
ANCA ANTIBODY	ANC	Serum Gold Top	REFERRAL LAB	2 Days			
ANDROSTENEDIONE	AND	Serum Gold Top	REFERRAL LAB	5 Days			
ANGIOTENSIN CONVERTING ENZYME (ACE)	SAC	Serum Gold Top	REFERRAL LAB	5 Days			
ANGIOTENSIN II	ANG	EDTA Purple Top	REFERRAL LAB	2 Weeks	FROZEN SAMPLE		
ANTI ACETYLCHOLINE RECEPTOR ANTIBODY	ARA	Serum Gold Top	REFERRAL LAB	5 Days	Separate immediately and freeze. Send frozen		
ANTI BETA 2 GLYCOPROTEIN ANTIBODIES	B2G	Serum Gold Top	REFERRAL LAB	5 Days			
ANTI CARDIOLIPIN ANTIBODY	ACB	Serum Gold Top	REFERRAL LAB	5 Days			
ANTI CCP ANTIBODIES	ACC	Serum Gold Top	IN-HOUSE	5 Days		<17	
ANTI CENTROMERE ANTIBODIES	CEN	Serum Gold Top	REFERRAL LAB	7 Days			
ANTI DIURETIC HORMONE	ADH	EDTA Purple Top	REFERRAL LAB	10 Days	PLASMA FROZEN		
ANTI DNA-DOUBLE STRANDED	DNA	Serum Gold Top	REFERRAL LAB	4 Days			

ANTI GAD (GLUTAMIC ACID DECARBOXYLASE) ANTIBODIES	AGA	Serum Gold Top	REFERRAL LAB	7 Days	Glutamic acid decarboxylase for Stiff- man syndrome		
ANTI GANGLIOSIDE ANTIBODIES	GAA	Serum Gold Top	REFERRAL LAB	7 Days			
ANTI GLOMERULAR BASEMENT MEMBRANE ABS	GBM	Serum Gold Top	REFERRAL LAB	7 Days			
ANTI HISTONE ANTIBODIES	AHA	Serum Gold Top	REFERRAL LAB	2 Days			
ANTI LIVER CYTOSOL ANTIBODIES	ACY	Serum Gold Top	REFERRAL LAB	7 Days			
ANTI MULLERIAN HORMONE (AMH)	ANH	Serum Gold Top	IN-HOUSE	4 Days		Females - Not taking oral contraception AGE REFERENCE RANGE 20yr - 24 8.7 - 83.6 25yr - 29 6.4 - 70.3 30yr - 34 4.1 - 58.0 35yr - 39 1.1 - 53.5 40yr - 44 0.2 - 39.1 45yr - 50 01. - 19.3 Use of AMH for assessment	

						of ovarian reserve ANTRAL FOLLICLE COUNT AMH < 4.9 0 - 7 Low Responders AMH 4.9 - 16.2 8 - 15 Normal Responders AMH > 16.2: > 15 High Responders	
ANTI MYELIN A. GLYCOPROTEIN (ANTI-MAG)	AMG	Serum Gold Top	REFERRAL LAB	7 Days			
ANTI NEURONAL ANTIBODIES (Hu Ri Yo CV2 Ma2)	ANE	Serum Gold Top	REFERRAL LAB	7 Days			
ANTI NEUTROPHIL ANTIBODIES	ANB	Serum Gold Top	REFERRAL LAB	5 Days			
ANTI NUCLEAR ANTIBODIES	ANA	Serum Gold Top	REFERRAL LAB	3 Days	Part of Autoimmune profile		
ANTI OVARIAN ANTIBODIES	ANO	Serum Gold Top	REFERRAL LAB	3 Days			
ANTI SPERM ANTIBODIES	SAB	Serum Gold Top	REFERRAL LAB	7 Days			
ANTI STAPHYLOLYSIN TITRE	ASB	Serum Gold Top	REFERRAL LAB	7 Days			
ANTI STREPTOLYSIN ANTIBODY TITRE	ASO	Serum Gold Top	REFERRAL LAB	10 Days			

ANTI STRIATED MUSCLE ANTIBODY	STM	Serum Gold Top	REFERRAL LAB	3 Days			
ANTI THYROGLOBULIN ANTIBODY	ATG	Serum Gold Top	REFERRAL LAB	7 Days			
ANTI XA FACTOR	FXA	Citrate Light Blue Top	REFERRAL LAB	5 Days	Please state drug and time of dose on request. Citrate Samples. Samples should be double spun and separated and frozen within 4-8 hours of sample taking, if a delay is expected with transportation to the laboratory, samples must be transported as frozen.		
APOLIPOPROTEIN A1	APO	Serum Gold Top	REFERRAL LAB	3 Days	Recommended 12 hr fasting		
APOLIPOPROTEIN B	APB	Serum Gold Top	REFERRAL LAB	3 Days	Recommended 12 hr fasting		
APOLIPOPROTEIN E	APE	Serum Gold Top	REFERRAL LAB	5 Days	Recommended 12 hr fasting		
APOLIPOPROTEIN E GENOTYPING	APG	EDTA Purple Top	REFERRAL LAB	5 Days	Clinical history must be provided		
APTT	APT	Citrate Light Blue Top	IN-HOUSE	2 Days	Included in the coagulation screen	Ratio 0.8 - 1.2	
AQUAPORIN 4 ANTIBODIES	AQ4	Serum Gold Top	REFERRAL LAB	2 Weeks			
ARSENIC	ARS	EDTA Purple Top or	REFERRAL LAB	5 Days			

		Lithium Heparin Green Top					
ASPERGILLUS ANTIGENS	ASP	Serum Gold Top	REFERRAL LAB	7 Days			
ASPERGILLUS PRECIPITINS / ANTIBODIES	APR	Serum Gold Top	REFERRAL LAB	7 Days			
ASPIRATE (for MC&S)	FLU	Serile pot / BC bottle	IN-HOUSE / REFERRAL LAB			N/A	
AUTO-IMMUNE PROFILE	AIP	Serum Gold Top	REFERRAL LAB	5 Days	Anti Nuclear Abs; Smooth Muscle LKM Abs; Reticulin Abs; Parietal Cell Abs		
AVIAN PRECIPITINS	AVP	Serum Gold Top	REFERRAL LAB	10 Days			
B12 AND SERUM FOLATE	12S	Serum Gold Top	IN-HOUSE	3 Days		B12: 197 - 771 FOL: >3.1	HOLLY & PARK B12: 239 - 931 HOLLY FOL: 3.1 - 17.5 PARK FOL: 2.76 - 20
B2 TRANSFERRIN	B2T	Miscellaneous Fluid	REFERRAL LAB	7 Days			
BENCE JONES PROTEIN SCREEN	BJ	24hr or Random Urine	REFERRAL LAB	7 Days			
BETA 2 MICROGLOBULIN	B2M	Serum Gold Top	REFERRAL LAB	5 Days			
BETA-CTX (CROSSLAPS)	CTX	Serum Gold Top	REFERRAL LAB	5 Days	Frozen sample required		

BICARBONATE (SERUM)	BIC	Serum Gold Top	REFERRAL LAB	3 Days			
BILE ACIDS - SERUM	BIA	Serum Gold Top	REFERRAL LAB	5 Days			
BILIRUBIN (DIRECT / CONJUGATED)	DBI	Serum Gold Top	REFERRAL LAB	4 Days			
BILIRUBIN (TOTAL)	BIL	Serum Gold Top	IN-HOUSE	2 Days		Up to 17 yrs old <17 Greater than 17yrs old >20	HOLLY 3 - 22 Range Sex Age Low High PARK Male 1 Y 2 12 PARK Male 10 Y 2 8 PARK Male 15 Y 2 11 PARK Male 20 Y 2 12 PARK Male 150 Y 1 17 PARK Female 1 Y 2 9 PARK Female 10 Y 2 8 PARK Female 15 Y 2 11 PARK Female 20 Y 2 9 PARK Female 150 Y 3 22

BIOTINIDASE	BIO	Lithium Heparin Green Top	REFERRAL	7 Days			
BLOOD FILM	BFR	EDTA Purple Top	IN-HOUSE	7 Days	Films may be passed to a Haematology Consultant for review.	N/A	
BLOOD GROUP & ANTIBODY SCREEN	GS	6ml EDTA Pink Top	IN-HOUSE	2 Days		N/A	
BLOOD GROUP (A B O RhD)	GRP	6ml EDTA Pink Top	IN-HOUSE	2 Days		N/A	
BLOOD LEAD	PBB	EDTA Purple Top	REFERRAL	5 Days			
BONE PROFILE /CHEMISTRY	BNE	Serum Gold Top	IN-HOUSE	2 Days	Profile includes: Albumin, Alkaline Phosphatase, Calcium, Adjusted Calcium, Phosphate	See individual components	See individual components
BORRELIA (LYMES DISEASE) CONFIRMATION	BOC	Serum Gold Top	REFERRAL LAB	2 Weeks	Must be requested separately at REFERRAL		
BORRELIA (LYMES DISEASE) SEROLOGY	BRR	Serum Gold Top	REFERRAL LAB	5 Days	Clinical and travel history must be supplied.		
BRUCELLA AGGLUTININS / ANTIBODIES	BRU	Serum Gold Top	REFERRAL LAB	5 Days	Clinical history must be supplied (up to 3 Weeks if confirmation required)		
B-Type Natriuretic Peptide (NT-PRO-BNP NG/L)	BNP	Serum Gold Top	IN-HOUSE/ REFERRAL LAB	5 Days		Referral Lab	HOLLY & PARK: 400 - 800
C1 Esterase Functional Assay	C1F	Citrate Light Blue Top	REFERRAL LAB	3 Days	Double spin and separate citrate immediately and freeze, send frozen. Clinical		

					history must be provided		
C1 ESTERASE INHIBITOR	C1E	Serum Gold Top	REFERRAL LAB	3 Days			
C2 COMPLEMENT	C2	Serum Gold Top	REFERRAL LAB	3 Days			
C3 & C4 COMPLEMENT	C34	Serum Gold Top	REFERRAL LAB	3 Days			
CA 125	125	Serum Gold Top	IN-HOUSE	3 Days		<35	HOLLY & PARK: <35
CA 15-3	153	Serum Gold Top	IN-HOUSE	3 Days		<25	HOLLY & PARK: <35
CA 19-9	199	Serum Gold Top	IN-HOUSE	4 Days		<39	HOLLY & PARK: <37
CA 27-29	C27	EDTA Purple Top or Lithium Heparin Green Top	REFERRAL LAB	5 Days			
CA 72-4	C72	Serum Gold Top	REFERRAL LAB	5 Days			
CADMIUM	CAD	EDTA Purple Top or Lithium Heparin Green Top	REFERRAL LAB	6 Days			
CALCITONIN	CAL	Serum Gold Top	REFERRAL LAB	2 Weeks	Separate immediately and freeze, send frozen		

CALCIUM (SERUM)	CA	Serum Gold Top	IN-HOUSE	2 Days		90+yrs 2.05 - 2.4 90yrs 2.2 - 2.55 60yrs 2.15 - 2.5 18yrs 2.1 - 2.55 12yrs 2.2 - 2.7 2yrs 2.25 - 2.75 10days 1.9 - 2.6	HOLLY: 2.2 - 2.6 PARK: <4 weeks 2 - 2.7 <16yrs 2.2 - 2.7 >16yrs 2.2 - 2.6
CALCIUM (24hr URINE)	CA	24 hr Urine	IN-HOUSE	5 Days		Output/ 24hr 2.5-7.5	
CAMPYLOBACTER ANTIBODIES	CAM	Serum Gold Top	REFERRAL LAB	5 Days			
CANDIDA ANTIBODIES	CAN	Serum Gold Top	REFERRAL LAB	5 Days			
CARBAMAZEPINE	CAZ	Serum Gold Top	REFERRAL LAB	3 Days			
CARBOHYDRATE DEFICIENT TRANSFERRIN (CDT)	CDT	Serum Gold Top	REFERRAL LAB	10 Days	Separate immediately and freeze, send frozen		
CARBOXYHAEMOGLOBIN	COH	EDTA Purple Top	REFERRAL LAB	1 Week			
CARDIAC ENZYME PROFILE	CRD	Serum Gold Top	IN-HOUSE	2 Days	Profile includes: ALT, AST LDH and CK	See individual components	
CAT SCRATCH FEVER (BARTONELLA)	CSB	Serum Gold Top	REFERRAL LAB	5 Days			
CATECHOLAMINES (PLASMA)	CTP	EDTA Purple Top	REFERRAL LAB	5 Days	Plasma Frozen. Send to lab asap		

CATECHOLAMINES (URINE)	CTU	24 hr Urine*	REFERRAL LAB	5 Days	Contact Laboratory for containers/instructions* Acidified Urine required		
CEA (Carcino Embryonic Antigen)	CEA	Serum Gold Top	IN-HOUSE	2 Days		< 3.8	HOLLY & PARK: <3.1
CERULOPLASMIN	CAE	Serum Gold Top	REFERRAL LAB	5 Days			
CHIKUNGUNYA VIRUS ABS	CHI	Serum Gold Top	REFERRAL LAB	10 Days	Must provide clinical and travel history		
CHLAMYDIA SEROLOGY	CHL	Serum Gold Top	REFERRAL LAB	3 Days			
CHLAMYDIA ANTIGEN (URINE)	CHU	Random Urine	REFERRAL LAB	5 Days	White top universal		
CHLAMYDIA DNA - PCR (SWAB)	CLP	Swab*	REFERRAL LAB	5 Days	Specific Chlamydia swab (purple top female, blue top male).		
CHLORIDE (SERUM)	CL	Serum Gold Top	IN-HOUSE	2 Days			
CHOLESTEROL (TOTAL)	CHO	Serum Gold Top	IN-HOUSE	2 Days	Suggested 12hr fasted	3.7 - 5.2	HOLLY: <5 PARK: <18yrs 2.8 - 6 >18yrs <5
CHOLINESTERASE (PSEUDO)	CHP	Serum Gold Top	REFERRAL LAB	7 Days			
CHROMIUM	CHR	Trace Metal	REFERRAL LAB	10 Days	Whole blood		
CHROMOGRANIN A	CGA	Serum Gold Top	REFERRAL LAB	7 Days			
CHROMOGRANIN B	CGB	EDTA Purple Top	REFERRAL LAB	7 Days			
CK ISOENZYMES	CKI	Serum Gold Top	REFERRAL LAB	5 Days			

CLOMIPRAMINE	CLO	EDTA Purple Top	REFERRAL LAB	7 Days			
CLOSTRIDIUM DIFFICILE TOXIN	CDF	Faeces	REFERRAL LAB	3 Days	Antibiotic history required		
CMV IgG & IgM	CMV	Serum Gold Top	REFERRAL LAB	5 Days			
CMV PCR	CMP	EDTA Purple Top	REFERRAL LAB	5 Days			
CMV URINE ANTIGEN	CMU	Random Urine	REFERRAL LAB	5 Days			
COAGULATION SCREEN / PROFILE	COA	Citrate	IN-HOUSE	2 Day	APTT & PT. INR must be ordered seperately. Fill to Line. If not tested within 4 hours freeze	See individual components	
COBALT	COB	Trace Metal	REFERRAL LAB	10 Days	Whole blood		
COELIAC SCREEN	COE	Serum Gold Top	REFERRAL LAB	5 Days			
COENZYME Q10 (Ubiquinone)	Q10	Serum Gold Top	REFERRAL LAB	2 Weeks			
COLLAGEN ANTIBODIES	OAB	Serum Gold Top	REFERRAL LAB	10 Days			
COOMBES TEST (DIRECT ANTIGLOBULIN TEST - DAGT)	DAT	6ml EDTA Pink Top	REFERRAL LAB	2 Days			
COPPER	CU	Serum Red Top	REFERRAL LAB	5 Days	Separate before sending, but indicate parent tube type		
CORTISOL (SERUM)	COR	Serum Gold Top	IN-HOUSE	2 Days	Advised to venepuncture 08:00 and 10:00.	06:00 - 10:00 166 - 507 16:00 - 20:00 73.8 - 291	HOLLY AM: 122 - 627 HOLLY: 45 - 390 PARK: 45 - 626

CORTISOL (URINE)	COU	24 hr Urine	REFERRAL LAB	5 Days			
CORTISOL BINDING GLOBULIN	CBG	Serum Gold Top	REFERRAL LAB	1 Month	Send Frozen		
COTININE (SERUM) - [URINE]	CTS	Serum Gold Top or Random Urine	REFERRAL LAB	5 Days			
COXSACKIE VIRUS ANTIBODY	CXS	Serum Gold Top	REFERRAL LAB	10 Days			
C-REACTIVE PROTEIN	CRP	Serum Gold Top	IN-HOUSE	2 Days		< 4	HOLLY & PARK: <5
CREATININE (SERUM)	CRE	Serum Gold Top	IN-HOUSE	2 Days		Both 11 M 14 - 34 Both 2 Y 15 - 31 Both 4 Y 23 - 37 Both 6 Y 25 - 42 Both 8 Y 30 - 47 Both 10 Y 29 - 56 Both 12 Y 39 - 60 Both 14 Y 40 - 68 Female 150 Y 45 - 84 Male 150 Y 59 - 104	

CREATININE (URINE)	UCR	24 hr or Random Urine	IN-HOUSE	2 Days		Male 9.0 - 19.0 Female 6.0 - 13.0	
CREATININE KINASE (CK)	CK	Serum Gold Top	IN-HOUSE	2 Days		Male: 40 - 320 Female: 25 - 200	HOLLY & PARK Male: 55 - 170 Female: 30 - 135
CRP - HIGH SENSITIVITY	CRS	Serum Gold Top	REFERRAL LAB	3 Days			
CRYPTOCOCCAL ANTIGEN / SEROLOGY	CYA	Serum Gold Top	REFERRAL LAB	3 Days			
CYCLOSPORIN	CYC	EDTA Purple Top	REFERRAL LAB	3 Days			
CYSTIC FIBROSIS SCREEN	CFS	EDTA Purple Top	REFERRAL LAB	1 Week	Clinical history must be provided.		
CYSTINE (URINE)(RANDOM)	UCY	24 hr Urine*	REFERRAL LAB	23 Days	Contact Laboratory for containers/instructions* Acidified Urine required		
D-DIMER	DDI (NHS) or XDD (REFERRAL)	Citrate Light Blue Top	REFERRAL LAB	2 Days	Send immediately to the lab. Bottle must be filled to the line.		
DENGUE FEVER	DNF	Serum Gold Top	REFERRAL LAB	5 Days	Clinical and travel history required		
DHEA	DHX	Serum Gold Top	REFERRAL LAB	5 Days			
DHEA SULPHATE	DHE	Serum Gold Top	REFERRAL LAB	5 Days	State DHEA Sulphate on Request form		
DIAMINE OXIDASE	DAO	Serum Gold Top	REFERRAL LAB	2 Weeks			

DIGOXIN	DIG	Serum Gold Top	REFERRAL LAB	2 Days	Sample must be taken 6 - 8hrs post dose		
DIHYDROTESTOSTERONE	DHT	Serum Gold Top	REFERRAL LAB	8 Days			
DIPHTHERIA ANTIBODIES	DIP	Serum Gold Top	REFERRAL LAB	5 Days			
DPD DEFICIENCY (5-FU TOX)	DPD	EDTA Purple Top	REFERRAL LAB	8 Days			
DRIVING RISK PROFILE		Serum Gold Top, EDTA Purple Top	IN-HOUSE/ REFERRAL	10 Days	Includes: FBC, LFT, CDT	See individual components	
DRUG ABUSE SCREEN URINE	DOA	Random Urine	REFERRAL LAB	1 Week	Amphetamines, Barbiturates, Benzodiazepine, Cannabinoids, Cocaine, Codeine - opiate, Dihydrocodeine - opiate, Ephedrine, MDMA, Methadone, Metamphetamines, Morphine - opiate		
DRUGS OF ABUSE (COMPREHENSIVE)	DON	Random Urine	REFERRAL LAB	1 Week	Alcohol, Amphetamines, Barbiturates, Benzodiazepine, Cannabinoids, Cocaine, Codeine - opiate, Dihydrocodeine - opiate, Ephedrine, Ketamine, LSD, MDMA, Methadone, Metamphetamines, Methaqualone, Morphine - opiate,		

					Phencyclidine, Propoxyphene		
EBV DNA BY PCR	EBD	EDTA Purple Top	REFERRAL LAB	5 Days			
ECHINOCOCCUS ANTIBODY (HYDATID)	ECH	Serum Gold Top	REFERRAL LAB	10 Days	Clinical and travel history must be provided		
ELECTROLYTES (URINE)	UE	Urine	IN-HOUSE	2 Days		Up to 150 Years <0.14	
EOSINIC CATIONIC PROTEIN	ECP	Serum Gold Top	REFERRAL LAB	9 Days			
EPSTEIN BARR VIRUS - IgG	EBV	Serum Gold Top	REFERRAL LAB	5 Days			
EPSTEIN BARR VIRUS - IgG & IgM	EBH	Serum Gold Top	REFERRAL LAB	5 Days			
EPSTEIN BARR VIRUS - IgM	EBM	Serum Gold Top	REFERRAL LAB	5 Days			
ERYTHROPOIETIN	ERY	Serum Gold Top	IN-HOUSE	5 Days		Up to 150 Years 3.5 - 26.6	

ESR (ERYTHROCYTE SEDIMENTATION RATE)	ESR	EDTA Purple Top	IN-HOUSE	1 Day	Ensure adequately filled and clear window of visibility to sample	Up to 49 Years 0 - 10 49 - 150 Years 0 - 20	PARK Both 18 Y 1 12 PARK Male 50 Y 1 10 PARK Male 60 Y 1 12 PARK Male 70 Y 1 14 PARK Male 150 Y 1 30 PARK Female 50 Y 1 12 PARK Female 60 Y 1 19 PARK Female 70 Y 1 20 PARK Female 150 Y 1 35 HOLLY Male 49 Y 1 10 HOLLY Female 49 Y 1 12 HOLLY Male 150 Y 1 10 HOLLY Female 150 Y 1 12
ETHANOXAMIDE (ZARANTIN)	ETA	EDTA Purple Top	REFERRAL LAB	7 Days			
ETHYL GLUCURONIDE - URINE	ETG	URINE	REFERRAL LAB	7 Days			

EXTRACTABLE NUCLEAR ANTIBODIES (ENA)	ENA	Serum Gold Top	REFERRAL LAB	4 Days	SS-A (Ro), SS-B (La), Sm, RNP/Sm, Scl70 & JO-1		
FACTOR II 20210A (PROTHROMBIN GENE MUTATION)	F2G	EDTA Purple Top	REFERRAL LAB	6 Days	Clinical History Required		
FACTOR IX ASSAY	F9	Citrate Light Blue Top	REFERRAL LAB	6 Days	Double spin and separate citrate immediately and freeze, send frozen. Clinical history must be provided		
FACTOR V LEIDEN	FVL	Citrate Light Blue Top & EDTA Purple Top	REFERRAL LAB	6 Days	Double spin and separate citrate immediately and freeze, send frozen. Clinical history must be provided		
FACTOR VII	F7	Citrate Light Blue Top	REFERRAL LAB	6 Days	Double spin and separate citrate immediately and freeze, send frozen. Clinical history must be provided		
FACTOR VIII ASSAY	F8	Citrate Light Blue Top	REFERRAL LAB	6 Days	Double spin and separate citrate immediately and freeze, send frozen. Clinical history must be provided		
FACTOR VIII RELATED ANTIGEN	F8R	Citrate Light Blue Top	REFERRAL LAB	6 Days	Double spin and separate citrate immediately and freeze, send frozen. Clinical		

					history must be provided		
FACTOR X	FX	Citrate Light Blue Top	REFERRAL LAB	6 Days	Double spin and separate citrate immediately and freeze, send frozen. Clinical history must be provided		
FACTOR XI ASSAY	FXI	Citrate Light Blue Top	REFERRAL LAB	6 Days	Double spin and separate citrate immediately and freeze, send frozen. Clinical history must be provided		
FACTOR XII ASSAY	FXII	Citrate Light Blue Top	REFERRAL LAB	6 Days	Double spin and separate citrate immediately and freeze, send frozen. Clinical history must be provided		
FAECAL CALPROTECTIN	FCP	Faeces	IN-HOUSE	1 week		0 - 49.9	HOLLY Female 150 Y 6.6 30.4 HOLLY Male 150 Y 8.8 32.4 PARK Female 150 Y 6.6 30.4 PARK Male 150 Y 8.8

							32.4
FAECAL ELASTASE (PANCREATIC ELASTASE)	FEL	Faeces	IN-HOUSE	1week		>201	
FAECAL FAT		Faeces	REFERRAL LAB	5 days	contact REFERRAL referrals deparmtent before sending		
FAECAL OCCULT BLOOD - FIT	FIT	Faeces	IN-HOUSE	5 Days	FIT Testing kit, pre paid post to Brighton	<9.9	
FAECAL PORPHYRINS	POF	Faeces	IN-HOUSE	5 Days		<49	
FAECES MC&S (x3)	PEN	Faeces	REFERRAL LAB	3 Days			
FAECES OCP (OVA, CYSTS & PARASITES)	OCP	Faeces	REFERRAL LAB	3 Days	3 symptomatic stool samples required. State foreign travel history.		
FARMER'S LUNG SEROLOGY PROFILE	FRM	Serum Gold Top	REFERRAL LAB	2 Weeks			
FASCIOLA HEPATICA ABS	FHA	Serum Gold Top	REFERRAL LAB	2 Weeks			
FATIGUE SCREEN (TATT)		2xSerum Gold Top, 1xEDTA Purple Top, 1xESR	IN-HOUSE	4 Days	FBC, UEC, LFT, BNE, TSH, ESR	See individual components	
FEMALE HORMONE PROFILE & AMENORRHOEA		Serum Gold Top	IN-HOUSE	3 Days	LH, FSH, PRL, E2	See individual components	

FERRITIN	FER	Serum Gold Top	IN-HOUSE	4 Days	Female 50 Y 10 - 150 Female 150 Y 15 - 300 Male 15 Y 7 - 140 Male 150 Y 25 - 300 Female 15 Y 7 - 140	HOLLY Female 50 Y 6 137 HOLLY Female 1 Y 7 274 HOLLY Female 5 Y 5 49 HOLLY Female 10 Y 10 75 HOLLY Female 15 Y 7 94 HOLLY Female 20 Y 4 94 HOLLY Female 150 Y 11 264 HOLLY Female 99 Y 11.1 264 HOLLY Male 1 Y 180 HOLLY Male 5 Y 5 88 HOLLY Male 10 Y 19 75 HOLLY Male 15 Y 7 94 HOLLY Male
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						20 Y 9 125 HOLLY Male 150 Y 18 464 PARK Male 1 Y 6 180 PARK Male 5 Y 5 88 PARK Male 10 Y 10 75 PARK Male 15 Y 7 94 PARK Male 20 Y 9 125 PARK Male 150 Y 18 464 PARK Female 1 Y 7 274 PARK Female 5 Y 5 49 PARK Female 10 Y 10 75 PARK Female 15 Y 7 94 PARK Female 20 Y 4 94 PARK Female 150 Y 11 264 PARK Female 50 Y 6 137
FIBRINOGEN ASSAY (PLASMA)	FIB	Citrate Light Blue Top	REFERRAL LAB	2 Days	Send to laboratory immediately	

FILARIA ANTIBODIES	FIL	Serum Gold Top	REFERRAL LAB	2 Weeks	Travel history required		
FLUORESCENT TREPONEMAL ANTIBODIES	FTA	Serum Gold Top	REFERRAL LAB	7 Days			
FOLIC ACID (RED CELL FOLATE)	RCF	EDTA Purple Top	REFERRAL LAB	7 Days			
FOLIC ACID (SERUM FOLATE)	FOL	Serum Gold Top	IN-HOUSE	3 Days		>3.1	HOLLY 3.1 - 17.5 PARK 2.76 - 20
FOLLICLE STIMULATING HORMONE (FSH)	FSH	Serum Gold Top	IN-HOUSE	3 Days	Interpretation depends on clinical history		
FREE ANDROGEN INDEX	FAI	Serum Gold Top	IN-HOUSE/REFERRAL LAB	3 Days	Total Testosterone + SHBG	Male 150 Y 20.6 - 76.7 Female 49 Y 32.4 - 128 Female 150 Y 27.1 - 128 Male 49 Y 18.3 - 54.1	
Free CARNITINE (CARNITINE - FREE & TOTAL)	FCA	Lithium Heparin Green Top	REFERRAL LAB	10 Days	Send frozen Plasma		
FREE PSA	PSF	Serum Gold Top	IN-HOUSE	2 Days		N/A	PARK: <0.9
Free T3 (Triiodothyronine)	FT3	Serum Gold Top	IN-HOUSE	2 Days		3.9 - 6.8	
Free T4 (THYROXINE)	FT4	Serum Gold Top	IN-HOUSE	2 Days		11.9 - 21.6	
FREE TESTOSTERONE	FTE	Serum Gold Top	REFERRAL LAB	2 Weeks			
FRUCTOSAMINE	FRU	Serum Gold Top	REFERRAL LAB	3 Days		<284	

FULL BLOOD COUNT (5 PART DIFF)	FBC	EDTA Purple Top	IN-HOUSE	1 Day		Multiple parameters see report	Multiple parameters see report
FUNCTIONAL ANTIBODIES	FAN	Contact Lab	REFERRAL LAB	7 Days			
G.I. HORMONES (GUT HORMONE PROFILE)	GUT	Contact lab	REFERRAL LAB	10 Days	Contact laboratory in advance to arrange		
G6PD	G6P	EDTA Purple Top	REFERRAL LAB	4 Days			
GAMMA-GT	GGT	Serum Gold Top	IN-HOUSE	2 Days		Female 150 Y 5- 35 Male 150 Y 10- 60	HOLLY Female 150 Y 12 43 HOLLY Male 150 Y 15 73 PARK Female 150 Y 12 43 PARK Male 150 Y 15 73 NHS Both 150 Y
GARDNERELLA VAGINALIS DNA BY PCR	GVP	Swab	REFERRAL LAB	2 Days			
GASTRIN	GAS	Serum Gold Top	REFERRAL LAB	5 Days	Separate immediately and freeze, send frozen.		
General Well Person Profile		2xSerum Gold Top, 1xEDTA Purple Top, 1x Oxalate Grey Top	IN-HOUSE	7 Days	FBC, UEC, LFT, BNE, GLU, LIP, UA, FERR, TSH, fT4, VID	See Individual Components	
GIARDIA SPECIFIC ANTIGEN	GAN	Serum Gold Top	REFERRAL LAB	5 Days			
GLIADIN ANTIBODIES	GLI	Serum Gold Top	REFERRAL LAB	5 Days			

GLUCAGON	GLC	EDTA Purple Top	REFERRAL LAB	10 Days	Plasma sent to REFERRAL		
GLUCOSE (FASTING)	GLU	Oxalate Grey Top	IN-HOUSE	2 Days	Suggest 12hr fasting sample.	Both 150 Y 3.3 7.8 Both 15 Y 3.3 7.8 FASTING Both 150 Y 4.2 6.1 FASTING Both 15 Y 4.2 6.1	HOLLY Both 150 Y 3.3 7.8 PARK Both 28 D 2.5 5.5 PARK Both 150 Y 3.3 7.8 PARK Both 28 D 2.5 5.5 FASTPAR Both 150 Y 4.1 5.9 FASTHOLBoth 150 Y 4.1 5.9
GONORRHOEA - PCR (URINE)	GCP	Urine	IN-HOUSE	5 Days	Must be 'first catch' urine	N/A	
GONORRHOEA SWAB (PCR)	GPC	Swab	REFERRAL LAB	5 Days			
GROWTH HORMONE	GH	Serum Gold Top	REFERRAL LAB	5 Days	Separate and freeze. Fasting + rest for 30mins prior to taking sample		
HAEMOCHROMATOSIS GENE PCR HFE	HCC	EDTA Purple Top	REFERRAL LAB	5 Days	Clinical history must be provided		
HAEMOPHILUS B ANTIBODIES	AHI	Serum Gold Top	REFERRAL LAB	5 Days			
HAEMOSIDERIN (URINE)	HIS	Early Morning Urine	REFERRAL LAB	2 Weeks			
HAPTOGLOBINS	HAP	Serum Gold Top	REFERRAL LAB	3 Days			

HB ELECTROPHORESIS (HAEMOGLOBINOPATHY SCREEN)	HBE	EDTA Purple Top	REFERRAL LAB	5 Days	Request FBC as well		
HbA1C	A1C	EDTA Purple Top	IN-HOUSE	2 - 5 Days	Glycated haemoglobin – to monitor control of diabetes. Batch tested at IN-HOUSE	HBA1c (DCCT) % 4 - 6 HBA1C (IFCC) 20 - 41	HBA1C (IFCC) PARK: 20 -42 HOLLY: 20 - 41
HCG (TOTAL) (MATERNAL- PREGNANCY)	HCP	Serum Gold Top	IN-HOUSE	3 Days	Human chorionic gonadotropin	Depends on gestation	
HCG (TUMOUR MARKER) (TOTAL)	HCG	Serum Gold Top	IN-HOUSE	3 Days	Human chorionic gonadotropin	<5.8	
HE4 (HUMAN EPIDIDYMIS PROTEIN)	HE4	Serum Gold Top	REFERRAL LAB	1 Day			
HELICOBACTER PYLORI ANTIGEN (FAECAL)	HAF	Faeces	REFERRAL LAB	5 Days			
HELICOBACTER PYLORI ANTIBODIES	HPA	Serum Gold Top	REFERRAL LAB	5 Days			
HEPATITIS A ANTIBODY IGM	HEP	Serum Gold Top	REFERRAL LAB	3 Days	Acute Infection -History required		
HEPATITIS A TOTAL ANTIBODIES	HEA	Serum Gold Top	REFERRAL LAB	3 Days	Acute Infection -History required		
HEPATITIS B CORE ANTIBODY (?past infection)	BCA	Serum Gold Top	IN-HOUSE	3 Days		N/A	
HEPATITIS B CORE IgM ANTIBODY	BCM	Serum Gold Top	IN-HOUSE	3 Days		N/A	
HEPATITIS B 'e' ANTIBODY	HEB	Serum Gold Top	REFERRAL LAB	3 Days			
HEPATITIS B 'e' ANTIGEN	HEG	Serum Gold Top	REFERRAL LAB	3 Days			
HEPATITIS B SURFACE ANTIBODY (immune status)	BSB	Serum Gold Top	IN-HOUSE	3 Days		N/A	

HEPATITIS B SURFACE ANTIGEN (HBSAG) (current infection)	BSG	Serum Gold Top	IN-HOUSE	3 Days		N/A	
HEPATITIS C ANTIBODIES	HEC	Serum Gold Top	REFERRAL LAB	5 Days			
HEPATITIS C CORE ANTIGEN	HCA	Serum Gold Top	REFERRAL LAB	2 Days			
HEPATITIS C RNA(PCR) VIRAL LOAD	HCV	EDTA Purple Top	REFERRAL LAB	5 Days			
HEPATITIS SCREENING PROFILE	HPP	2 x Serum Gold Top	IN-HOUSE/ REFERRAL LAB	7 Days	LFT, Hepatitis A, B Core Antibody, B Surface Antibody, B Surface Antigen, HEP C Antibodies	See individual components	
HEPATITIS B VIRUS DNA VIRAL LOAD	HBD	EDTA Purple Top	IN-HOUSE	7 Days	History required		
HERPES SIMPLEX - PCR	HSV	Swab/Urine	REFERRAL LAB	5 Days			
HERPES SIMPLEX IgM	HSM	Serum Gold Top	REFERRAL LAB	5 Days			
HERPES SIMPLEX TITRE (I/II) IgG	HER	Serum Gold Top	REFERRAL LAB	7 Days			
HISTAMINE (URINE)	HPL	Random Urine	REFERRAL LAB	5 Days			
HISTOPLASMOSIS SEROLOGY	HSP	Serum Gold Top	REFERRAL LAB	10 Days			
HIV 1 PROVIRAL DNA (PCR)	HVA	EDTA Purple Top	REFERRAL LAB	7 Days			
HIV CONFIRMATION	HIC	Serum Gold Top	REFERRAL LAB	7 Days			
HIV I/II	HIV	Serum Gold Top	IN-HOUSE	5 Days		N/A	

HIV P24 ANTIGEN	HVP	Serum Gold Top	IN-HOUSE	5 Days		N/A	
HIV RNA PCR (Viral Load)	HVL	EDTA Purple Top	REFERRAL LAB	2 Days			
HLA - ABCD (CLASS 1&2) (FULL)	HLF	EDTA Purple Top	REFERRAL LAB	10 Days	Clinical history must be supplied		
HLA B51 AND HLA B52	HLB	EDTA Purple Top	REFERRAL LAB	10 Days	Clinical history must be supplied		
HLA COELIAC [DQ2/DQ8]	Q2Q	EDTA Purple Top	REFERRAL LAB	10 Days	Clinical history must be supplied		
HLA TISSUE TYPE (B27 ONLY)	HLA	2 x EDTA Purple Top	REFERRAL LAB	10 Days	Clinical history must be supplied		
HLA TISSUE TYPE (B51 ONLY)	HLB	EDTA Purple Top	REFERRAL LAB	10 Days	Clinical history must be supplied		
HLA-B 5701	H57	EDTA Purple Top	REFERRAL LAB	10 Days	Clinical history must be supplied		
HOMOCYSTEINE (SERUM)	HOM	Serum Gold Top	REFERRAL LAB	4 Days	Deliver to laboratory immediately, centrifuge within 1 hour of collection. Please aliquot into an appropriate specimen container after centrifugation and send sample frozen.		
HOMOCYSTEINE (URINE)	HOU	Urine	REFERRAL LAB	5 Days			
HORMONE - HIRSUTISM PROFILE		Serum Gold Top	IN-HOUSE	3 Days	LH, FSH, PRL, TES, SHB, FAI, DHE	See individual components	
HORMONE REPLACEMENT (HRT) MONITORING	HRT	Serum Gold Top	IN-HOUSE	2 Days	FSH, OESTRADIOL (E2), PROGESTERONE	See individual components	
HTLV 1 & 2	HTL	Serum Gold Top	REFERRAL LAB	5 Days			

HUMAN PAPILLOMA VIRUS (HPV) TYPING PCR	HPV	Cytoc Thin Prep	IN-HOUSE	7 Days	Contact laboratory in advance to arrange	N/A	
HYALURONIC ACID	HYA	Serum Gold Top	REFERRAL LAB	7 Days			
IGF-1 INSULIN GROWTH FACTOR (Somatomedin)	IGF	Serum Gold Top	REFERRAL LAB	5 Days	Separate immediately and freeze, send frozen		
IGF-3 INSULIN GROWTH FACTOR	IG3	Serum Gold Top	REFERRAL LAB	5 Days	Separate immediately and freeze, send frozen		
IgG SUB-CLASSES	IGC	Serum Gold Top	REFERRAL LAB	2 Weeks			
IMMUNOFLUORESCENCE, DIRECT (SKIN)	IMF	Skin sample	REFERRAL LAB	14 Days	Must be transported in skin transport medium or immediately delivery to the laboratory if fresh.		
IMMUNOGLOBULIN D	IGD	Serum Gold Top	REFERRAL LAB	18 Days			
IMMUNOGLOBULIN E	IGE	Serum Gold Top	IN-HOUSE	10 Days		N/A	
IMMUNOGLOBULINS + PROTEIN ELECTROPHORESIS	IGS & EP	Serum Gold Top	IN-HOUSE	3 Days	Order EP along side IGS to report both.	N/A	
INFECTIOUS MONONUCLEOSIS - GLANDULAR FEVER	IM	EDTA Purple Top or Serum Gold Top	IN-HOUSE	2 Days	Must have full blood count request as well for blood film		
INHIBIN A	IHA	Serum Gold Top	REFERRAL LAB	1 Month			
INHIBIN B	IHB	Serum Gold Top	REFERRAL LAB	7 Days			

INORGANIC PHOSPHATE (SERUM) (PO4)	PHO	Serum Gold Top	IN-HOUSE	2 Days		Both 4 W 1.3 - 2.6 Both 1 Y 1.3 - 2.4 Both 16 Y 0.9 - 1.8 Both 150 Y 0.8 - 1.5	HOLLY Both 1 Y 1.3 - 2.6 HOLLY Both 16 Y 0.9 -1.8 HOLLY Both 150 Y 0.8 - 1.5 PARK Both 1 Y 1.3 - 2.6 PARK Both 16 Y 0.9 - 1.8 PARK Both 150 Y 0.8 -1.5
INR	INR	Citrate Light Blue Top	IN-HOUSE	2 Days	Must be delivered to the laboratory within 2 hours. Bottle must be filled to the line. If not tested with 4 hours, please freeze.	0.9 - 1.2	HOLLY: 0.9 - 1.2 PARK: 0.8 - 1.2 (<6months 0.61 - 1.17)
INSULIN (PLASMA/SERUM)	INP	Serum Gold Top	REFERRAL LAB	3 Days		2.6 - 24.9	
INSULIN ANTIBODIES	INA	Serum Gold Top	REFERRAL LAB	5 Days		<0.4	
INSULIN C PEPTIDE	ICP	Serum Gold Top	REFERRAL LAB	5 Days			
INTRINSIC FACTOR ANTIBODIES	IF	Serum Gold Top	REFERRAL LAB	5 Days		<6	
IODINE - Serum	IOD	Serum Gold Top	REFERRAL LAB	1 Week		40 - 80	

IRON & IBC (IRON BINDING CAPACITY)	FEI	Serum Gold Top	IN-HOUSE	3 Days		Iron Binding Capacity: 45 - 72 Transferrin Saturation: 20 - 50	Iron Binding Capacity: HOLLY Male 47 - 83 HOLLY Female 47 - 89 PARK Male 47 - 83 PARK Female 47 - 89
IRON (Serum)	FE	Serum Gold Top	IN-HOUSE	3 Days		Female: 6.6 - 26 Male: 11 - 28	HOLLY & PARK Female: 6.6 - 30.4 Male: 8.8 - 32.4
ISLET CELL ANTIBODIES	ICA	Serum Gold Top	REFERRAL LAB	7 Days			
JAK2 V617F MUTATION	JA2	EDTA Purple Top	REFERRAL LAB	2 Weeks			
JOINT RHEUMATOLOGY PROFILE		2 x Serum Gold Top, 2 x EDTA Purple Top	IN-HOUSE	6 Days	FBC, ESR, LFT, UA, RA factor, CCP, CRP, AIP, ENA, ADNA	See individual components	
LDH (Lactate Dehydrogenase)	LDH	Serum Gold Top	IN-HOUSE	2 Days		20 D 225 - 600 15 Y 120 - 300 Female 135 - 214 Male 135 - 225	HOLLY & PARK: 120-246

LEAD (MEDICAL)	PB	EDTA Purple Top	REFERRAL LAB	5 Days			
LEGIONELLA ANTIBODIES	LEG	Serum Gold Top	REFERRAL LAB	5 Days			
LEISHMANIA ANTIBODIES	LEI	Serum Gold Top	REFERRAL LAB	12 Days			
LEPTOSPIRA ANTIBODIES	LEP	Serum Gold Top	REFERRAL LAB	5 Days			
LIPASE	LAS	Serum Gold Top	REFERRAL LAB	3 Days		Both 120 Y 13 - 60	
LIPID PROFILE	LIP	Serum Gold Top	IN-HOUSE	2 Days	Fasting sample required	See individual components	
LIPOPROTEIN (a)	LPO	Serum Gold Top	REFERRAL LAB	5 Days			
LISTERIA ANTIBODIES	LIS	Serum Gold Top	REFERRAL LAB	7 Days			
LITHIUM	LIT	Serum Gold Top	REFERRAL LAB	5 Days	Sample to be taken 12 hours post dose.		
LIVER (FIBROSIS MARKERS)	ELF	Serum Gold Top	REFERRAL LAB	5-7 Days			
LIVER FUNCTION TESTS	LFT	Serum Gold Top	IN-HOUSE	2 Days	Total Protein, Albumin, Alkaline Phosphatase , AST, ALT, GammaGT, Bilirubin	See individual components	
LUPUS ANTICOAGULANT	LUP	2 x Citrate Light Blue Top	REFERRAL LAB	3 Days	Citrate Samples. Samples should be double spun and separated and frozen within 4-8 hours of sample taking, if a delay is expected with transportation to the		

					laboratory, samples must be transported as frozen.		
LUTEINISING HORMONE (LH)	LH	Serum Gold Top	IN-HOUSE	2 Days		Male: 1.7 - 8.6 Female: Varied see report	HOLLY & PARK Male: 1.3 - 10.5 HOLLY & PARK Female: Varied see report
LYMES DISEASE (BORRELIA SEROLOGY)	BOR	Serum Gold Top	REFERRAL LAB	7 Days	Clinical and travel history must be supplied		
MAGNESIUM (SERUM)	MG	Serum Gold Top	IN-HOUSE	2 Days		>4W 0.7 - 1 <4 W 0.6 - 1	PARK Male 18 Y 0.6 - 1 PARK Male 150 Y 0.7 - 1 PARK Female 18 Y 0.6 - 0.96 PARK Female 150 Y 0.7 - 1 HOLLY Both 1 Y 0.76 - 1.05 HOLLY Male 5 Y 0.68 - 1 HOLLY Male 20 Y 0.67 - 0.96 HOLLY Male 150 Y 0.7 - 1

							HOLLY Female 5 Y 0.75 - 1.12 HOLLY Female 20 Y 0.67 - 0.96 HOLLY Female 150 Y 0.7 - 1
MALARIA ANTIBODIES	MA	Serum Gold Top	REFERRAL LAB	10 Days	Must have travel details		
MALE FERTILITY		Serum Gold Top, Oxalate Grey Top	IN-HOUSE	3 Days	LH, FSH, PROL, Testosterone, SHBG, FAI, Glucose	See individual components	
MANGANESE (SERUM)	MN	Trace Metal	REFERRAL LAB	5 Days	Whole Blood		
MEASLES ANTIBODIES (IGG)	MEG	Serum Gold Top	REFERRAL LAB	5 Days			
MEASLES ANTIBODIES (IGM)	MEM	Serum Gold Top	REFERRAL LAB	5 Days			
MELATONIN	MEL	Serum Gold Top	REFERRAL LAB	5 Days	Frozen Sample		
MENOPAUSE PROFILE		Serum Gold Top	IN-HOUSE	2 Days	LH, FSH, E2, TSH, FT4	See individual components	
MERCURY (BLOOD)	HG	EDTA Purple Top or Li-	IN-HOUSE	7 Days			

		Heparin Green Top					
METAL JOINT REPLACEMENT SCREEEN (COBALT & CHROMIUM)	MJS	Trace Metal	REFERRAL LAB	7 Days	Ortho- Chromium and Cobalt	See individual components	
METANEPHRINES (URINE 24H)	UMT	24 hr Urine	REFERRAL LAB	7 Days	Contact Laboratory for containers/instructions* Acidified Urine required Send frozen.		
METHAEMOGLOBIN	MHB	EDTA Purple Top	REFERRAL LAB	3 Days			
METHOTREXATE	MET	Serum Gold Top	REFERRAL LAB	3 Days			
METHYLMALONIC ACID	MMA	Serum Gold Top	REFERRAL LAB	2 Weeks			
MICROALBUMIN (URINE)	MAU	Random Urine	IN-HOUSE	2 Days	Ranges are for management of Type 2 diabetes	Male: < 2.49 Female: <3.49	
MID-STREAM URINE (URINE MC&S)	MSU	Urine	IN-HOUSE	4 Days	Boric acid required	N/A	
MMR ANTIBODIES (Measles, Mumps, Rubella)		Serum Gold Top	REFERRAL LAB	5 Days			
MPL GENE MUTATION	MPL	EDTA Purple Top	REFERRAL LAB	2 Weeks			
MRSA SCREEN (2-3 SWABS)	MRP	Swabs	IN-HOUSE	3 Days	Nose, axilla & groin	N/A	
MSSA SCREEN SWABS	MRD	Swabs	IN-HOUSE	3 Days		N/A	
MTHFR GENE C666 VARIANT	MTH	EDTA	REFERRAL LAB	1 Week	Clinical history must be provided		
MUMPS ANTIBODY IgG	MUG	Serum Gold Top	REFERRAL LAB	5 Days			

MUMPS ANTIBODY IgG + IgM	MUM	Serum Gold Top	REFERRAL LAB	5 Days			
MUSK ANTIBODIES	AMU	Serum Gold Top	REFERRAL LAB	2 Weeks			
MYASTHENIA GRAVIS EVALUATION	MGE	Serum Gold Top	REFERRAL LAB	3 Days			
MYCOLOGY (CULTURE ONE)	MYC	Dermapak	REFERRAL LAB	21 Days			
MYCOPLASMA/UREAPLASMA	UMY	Random Urine	REFERRAL LAB	3 Days			
MYOGLOBIN (SERUM)	MYG	Serum Gold Top	REFERRAL LAB	2 Days			
MYOGLOBIN (URINE)	MY	Random Urine	REFERRAL LAB	5-10 Days			
NEURONE SPECIFIC ENOLASE	NSE	Serum Gold Top	REFERRAL LAB	5 Days			
NICKEL	NIC	Serum Gold Top	REFERRAL LAB	5 Days			
NOROVIRUS G1 & G2	NOR	Faeces	REFERRAL LAB	2 Days	Only requested under infection control review		
NUTRITION SCREEN		EDTA Purple Top X1, Serum Gold Top X3	IN- HOUSE	3 Days	UEC , FBC , FIBC , 12S , BNE, VID, FER, B12	See individual components	
OESTRADIOL (E2)	E2	Serum Gold Top	IN-HOUSE	2 Days	Interpretation depends on clinical history	Male: 41.4 - 159 Female: Varied see report	HOLLY & PARK Male: 19.7 - 242 Female: Varied see report
OESTRIOL (PREGNANCY) (OESTRIOL)	E3	2x Serum Gold Top	REFERRAL LAB	4 Days			

OESTRONE	E1	2x Serum Gold Top	REFERRAL LAB	4 Days			
OMEGA 3 / OMEGA 6	OMG	EDTA Purple Top	REFERRAL LAB	7 Days	Send to the laboratory without delay		
ORGANIC ACID SCREEN (URINE)	ORG	Random Urine	REFERRAL LAB	2 Weeks	Freeze immediately		
OSMOLALITY (SERUM) MMOL/KG	OSM	Serum Gold Top	REFERRAL LAB	2 Days			
OSMOLALITY (URINE)	UOS	MSU – white top	REFERRAL LAB	2 Days			
OSTEOCALCIN	OST	2 x Serum Gold Top	REFERRAL LAB	4 Days			
OXALATE (PLASMA)	OXS	EDTA Purple Top	REFERRAL LAB	7 Days	Send Frozen		
OXALATE (URINE)	UOX	24 hr Urine	REFERRAL LAB	5 Days	Contact Laboratory for containers/instructions* Acidified Urine required		
PARACETAMOL	PRA	Serum Gold Top	REFERRAL LAB	2 Days			
PARA-PROTEINS (SERUM) DENSITOMETRY	DEN	Serum Gold Top	IN-HOUSE	5 Days		N/A	
PARATHORMONE (INTACT MOL) PTH	PTH	EDTA Purple Top	REFERRAL LAB	5 Days	TDL- EDTA same day. May vary for other referral labs		
PARATHYROID ANTIBODIES	PTA	Serum Gold Top	REFERRAL LAB	2 Days	Send to laboratory immediately, If SST separate and freeze, send frozen		
PAROXYSMAL NOCTURNAL Haemoglobinuria	PNH	6ml EDTA	REFERRAL LAB	2 Days			
PARVOVIRUS IgG & IgM	PRP	Serum Gold Top	REFERRAL LAB	1 Week			

PARVOVIRUS IgM ANTIBODY	PAR	Serum Gold Top	REFERRAL LAB	1 Week	REFERRAL Code = PARP		
PEMPHIGOID	PEM	Serum Gold Top	REFERRAL LAB	1 Week			
PERTUSSIS ANTIBODIES	PER	Serum Gold Top	REFERRAL LAB	1 Week			
PHENOBARBITONE (BARBITURATE SCREEN)	BAR	Serum Gold Top	REFERRAL LAB	2 Days			
PHENYTOIN (Epanutin)	PHE	Serum Gold Top	REFERRAL LAB	7 Days			
PHOSPHATE, INORGANIC (SERUM) (PO4)	PHO	Serum Gold Top	IN-HOUSE	1 Day	Part of bone profile	4 W 1.3 2.6 1 Y 1.3 2.4 16 Y 0.9 1.8 150 Y 0.8 1.5	HOLLY & PARK: 1 Y 1.3 2.6 16 Y 0.9 1.8 150 Y 0.8 1.5
PITUITARY ANTIBODIES	PIT	Serum Gold Top	REFERRAL LAB	1 Month			
PLACENTAL ALK. PHOSPHATE (TUMOUR MARKER)	PLA	Serum Gold Top	REFERRAL LAB	7 Days	Contact Lab for Advice		
PLASMA AMMONIA	PAM	Serum Gold Top	REFERRAL LAB	7 Days			
PLASMA HISTAMINE	HIS	EDTA Purple Top	REFERRAL LAB	1 Week	Frozen EDTA Plasma		
PLASMA METANEPHRINES	PME	EDTA Purple Top	REFERRAL LAB	1 Week	Frozen Plasma		
PLASMA VISCOSITY	PV	EDTA Purple Top	IN-HOUSE	1 Day		1.5 - 1.72	
PNEUMOCOCCAL ANTIBODIES	PNE	Serum Gold Top	REFERRAL LAB	1-2 Weeks			
PNEUMOCOCCUS ANTIGEN (URINE)	UPA	24hr Urine	REFERRAL LAB	1-2 Weeks			

PORPHYRIN SCREEN (FAECAL)	POF	Faeces	REFERRAL LAB	3 Weeks	Clinical history essential. Protect from light		
PORPHYRINS (URINE)	POU	24 hr Urine*	REFERRAL LAB	14 Days	*Must be kept in the dark. Do NOT freeze. Protect from light. No preservative. Clinical history essential. Contact Laboratory for containers/instructions		
PORPHYRINS SCREEN (BLOOD)	POR	EDTA Purple Top	REFERRAL LAB	3 Weeks	Clinical history essential. Protect from light		
PREGNANCY TEST	UPT	Urine	IN-HOUSE	1 Day		N/A	
PROCALCITONIN	PCL	Serum Gold Top	REFERRAL LAB	3 Days	Seperated and Frozen. Send frozen		
PROCOLLAGEN III PEPTIDE (TYPE 3 PROCOLLAGEN)	P3P	Serum Gold Top	REFERRAL LAB	3 Days			
PROCOLLAGENTYPE 1 N-TERMINAL PROPEPTIDE	P1N	Serum Gold Top	REFERRAL LAB	1 Week			
PROGESTERONE	PRO	Serum Gold Top	IN-HOUSE	3 Days	Interpretation depends on clinical history	Male <0.474 Female: Varied range please see report	
PROLACTIN	PRL	Serum Gold Top	IN-HOUSE	3 Days		Female: 102 - 496 Male: 86 - 324	HOLLY & PARK: Female: 64 - 395 Male: 78 - 380

PROLACTIN (MACRO)	MPO	Serum Gold Top	REFERRAL LAB	4 Days			
PROTEIN ELECTROPHORESIS	EP	Serum Gold Top	IN-HOUSE	4 Days		N/A	
PROTEIN TOTAL (CSF)	TP	CSF	REFERRAL LAB	3 Days			
PROTEIN TOTAL (URINE)	UP	24 hr Urine	IN-HOUSE	3 Days	No preservative. Contact Laboratory for containers/instructions	< 0.15	
PROTEIN:CREATININE RATIO (URINE)	UPC	Urine	IN-HOUSE	2 Days		Ratio <12.99	
PSA- (PROSTATIC SPECIFIC ANTIGEN)	PSA	Serum Gold Top	IN-HOUSE	2 Days	Interpretation depends on age / clinical history	See NICE guidance	See NICE guidance
PSA PROFILE	PSP	Serum Gold Top	IN-HOUSE	2 Days	Interpretation depends on age / clinical history	See NICE guidance	See NICE guidance
PURKINJE CELL ANTIBODY	YOA	Serum Gold Top	REFERRAL LAB	10 Days			
PUS MC & S	PUS	Swab/PUS	IN-HOUSE/ REFERRAL LAB	4 Days	State site. Clinical details and antibiotic information essential	N/A	
RABIES ANTIBODY	RAB	Serum Gold Top	REFERRAL LAB	10 Days			
RED CELL MAGNESIUM	RCM	EDTA Purple Top	REFERRAL LAB	7 Days			
RENIN (PLASMA)	REN	2 x EDTA Purple Top	REFERRAL LAB	5 Days	Separate immediately and freeze, send frozen		
RESPIRATORY VIRAL SCREEN	VRS	Serum Gold Top	REFERRAL LAB	5 Days	RESV, PFLU, FLUA, FLUB, ADEN, MYP, PLCH, RSV		
RETICULOCYTE COUNT	RET	EDTA Purple Top	REFERRAL LAB	1 Day	Must perform FBC as well		
REVERSE T3	RT3	Serum Gold Top	REFERRAL LAB	10 work Days	sample sep & frozen if sending overnight		

RHEUMATOID FACTOR (QUANTITATIVE)	RFQ	Serum Gold Top	IN-HOUSE	3 Days		< 20	PARK: < 12
RICKETTSIAL ANTIBODIES	RIC	Serum Gold Top	REFERRAL LAB	7 Days			
ROTAVIRUS (LATEX)	ROT	Feaces	REFERRAL LAB	3 Days			
RUBELLA ANTIBODY - IgG	RUB	Serum Gold Top	REFERRAL LAB	4 Days			
RUBELLA ANTIBODY - IGM	RUM	Serum Gold Top	REFERRAL LAB	3 Days			
S100 MALIGNANT MELANOMA	S10	Serum Gold Top	REFERRAL LAB	4 Days			
SALIVARY GLAND ANTIBODIES	SGA	Serum Gold Top	REFERRAL LAB	7 Days			
SCHISTOSOMA (OVA) URINE	SCI	Terminal urine	REFERRAL LAB	1-2 Days	Mid-Morning Terminal Urine		
SCHISTOSOMA ANTIBODIES / Bilharzia	SCH	Serum Gold Top	REFERRAL LAB	10 Days	Clinical data is essential		
SELENIUM (SERUM)	SEL	Serum Red Top	REFERRAL LAB	5 Days	Separate before sending, but indicate parent tube type		
SEMEN ANALYSIS (POST VASECTOMY)	PVS	Semen	REFERRAL LAB	2 Days	Specific instruction stated on form		
SEROTONIN (Whole Blood) (=5HT)	SER	Lithium Heparin Green Top	REFERRAL LAB	5 Days	Deliver immediately to laboratory and send whole blood frozen		
SERUM AMYLASE	AMY	Serum Gold Top	IN-HOUSE	3 Days		28 - 100	HOLLY: 30 - 110 PARK: 30 - 220
SERUM FREE LIGHT CHAINS	SFL	Serum Gold Top	REFERRAL LAB	5 Days		N/A	

SEX HORMONE BINDING GLOBULIN (SHBG)	SHB	Serum Gold Top	IN-HOUSE	4 Days		Male 150 Y 20.6 - 76.7 Female 150 Y 27.1 - 128 Male 49 Y 18.3 - 54.1 Female 49 Y 32.4 - 128	
SHORT SYNACTHEN STIMULATION TEST	SST	Serum Gold Top	IN-HOUSE	2 Days		See report for interpretation	
SICKLE CELL SCREEN (SOLUBILITY TEST)	SIC	EDTA Purple Top	IN-HOUSE	7 Days		N/A	
SIROLIMUS	SIR	EDTA Purple Top	REFERRAL LAB	3 Days			
Smear	GCM	Smear	IN-HOUSE	2 Weeks	add on HSV	N/A	
SPUTUM MC&S	SPU	Sputum	REFERRAL LAB	3 Days	State if for TB		
SQUAMOUS CELL CARCINOMA AG	SCC	Serum Gold Top	REFERRAL LAB	6 Days			
STONE ANALYSIS	USP	Stone	REFERRAL LAB	2 Weeks	Site required		
STOOL ENTERIC BY PCR	PEN	Faeces	REFERRAL LAB	2 Weeks			
SWAB (e.g. wound)	SWS	Swab	IN-HOUSE	3 Days		N/A	
SYNOVIAL FLUID CRYSTALS	CRY	Synovial Fluid	IN-HOUSE	7 Days		N/A	
SYNOVIAL FLUID MC&S	FLS	Synovial Fluid	REFERRAL LAB	7 Days			
SYPHILIS SCREEN IGM/IGG	STS	Serum Gold Top	REFERRAL LAB	3 Days			
TACROLIMUS (FK506 level)	TAC	EDTA Purple Top	REFERRAL LAB	2 Days			
TAY SACHS SCREEN	TAY	EDTA Purple Top	REFERRAL LAB	3 Weeks	Gentic consent form and clinical history required		

TB QUANTIFERON (TB GOLD)	TBQ	Special TBQ kit	REFERRAL LAB	5 Days		N/A	
TESTOSTERONE	TES	Serum Gold Top	IN-HOUSE	2 Days		Male 99 Y 6.68 - 25.7 Male 50 Y 8.64 - 29 Female 50 Y 0.29 - 1.67 Female 99 Y 0.1 - 1.42	HOLLY Male 50 Y 4.6 - 28.2 HOLLY Male 150 Y 2.5 - 21.6 HOLLY Female 150 Y 0.2 - 2.7 PARK Male 50 Y 4.6 - 28.2 PARK Male 150 Y 2.5 - 21.6 PARK Female 150 Y 0.2 - 2.7
TETANUS ANTIBODIES	TTA	Serum Gold Top	REFERRAL LAB	5 Days			
THALLIUM - SERUM/URINE	THA	EDTA Purple Top	REFERRAL LAB	7 Days			
THEOPHYLLINE	THE	Serum Gold Top	IN-HOUSE	3 Days	Time of sample and last dose required. Take sample immediately before next dose.	10 - 20	
THIO-PURINE METHYL TRANSFERASE (TPMT)	TPM	2xEDTA Purple Top	REFERRAL LAB	14 Days			

THROMBOPHILIA SCREEN (PRE-THROMBOTIC SCREEN)	THO	2xEDTA Purple Top, 1xSerum Gold Top, 6xCitrate Light Blue Top	IN-HOUSE	21 Days	FBC, INR, APTT, Factor V Leiden, Factor II gene, MTHFR gene, Fibrinogen, ACT Prot Res, Lupus anticoagulant, Protein C & S, Cardiolipin Abs, Antithrombin III. Separate immediately and freeze, send frozen. Citrate samples must be double spun. Clinical history essential	See individual components	
THYROGLOBULIN	TGL	Serum Gold Top	REFERRAL LAB	5 Days			
THYROID ANTIBODY = (Thyroid peroxidase Ab)	TA	Serum Gold Top	REFERRAL LAB	4 Days			
THYROID BINDING GLOBULIN	TBG	Serum Gold Top	REFERRAL LAB	10 Days	Frozen sample		
THYROID PROFILE (FT3/FT4/TSH)	TFT	Serum Gold Top	IN-HOUSE	3 Days	TSH, FT3 & FT4	See individual components	
THYROID PROFILE (TSH, FT4)	TF1	Serum Gold Top	IN-HOUSE	3 Days	TSH & FT4	See individual components	
THYROID RELEASING HORMONE (TRH)	TRH	Serum Gold Top	REFERRAL LAB	7 Days			
THYROID STIMULATING HORMONE (TSH)	TSH	Serum Gold Top	IN-HOUSE	2 Days		0.27 - 4.2	HOLLY & PARK: 0.465 - 4.68
THYROPEROXIDASE ANTIBODIES	TA	Serum Gold Top	IN-HOUSE	4 Days		<34	
TISSUE TRANSGLUTAMINASE (IgA)	TTG	Serum Gold Top	REFERRAL LAB	7 Days	Part of coeliac screen		

TISSUE TRANSGLUTAMINASE IgG	TAG	Serum Gold Top	REFERRAL LAB	2 Days			
TOXOCARA ANTIBODIES	TXC	Serum Gold Top	REFERRAL LAB	5 Days	Clinical history essential		
TOXOPLASMA ANTIBODIES IgG + IgM	TXM	Serum Gold Top	REFERRAL LAB	5 Days	Clinical history essential		
TRANSFERRIN	TRA	Serum Gold Top	IN-HOUSE	3 Days		Male 1.68 - 2.87 Female 1.68 - 3.07	
TRICHOMONAS VAGINALIS DNA PCR	TVP	First Catch Random Urine/ Swab/ Cytoc Thin Prep Vial	REFERRAL LAB	2 Days			
TROPICAL TRAVEL SCREEN		2xSerum Gold Top	REFERRAL LAB	15 Days	Amoebic Antibodies, Schistosomal Leishmania Antibodies, Malarial Antibodies, Toxoplasma IgG and IgM Antibodies, Echinococcus Antibodies	See individual components	See individual components
TROPONIN-I (High-sensitivity)	TPI/TRO	Serum Gold Top	IN-HOUSE/ REFERRAL LAB	2 Days	Determine onset of chest pain (ask patient and / or ECG) –Trop T should be measured at least 8-12 hrs post onset.		PARK: <0.034
TROPONIN-T (High-sensitivity)	TRT/TRO	Serum Gold Top	IN-HOUSE/ REFERRAL LAB	2 Days	Determine onset of chest pain (ask patient and / or ECG) –Trop T	Guildford only: < 14	

					should be measured at least 8-12 hrs post onset.		
TRYPTASE	TRY	Serum Gold Top	REFERRAL LAB	5 Days			
TSH RECEPTOR ANTIBODIES	TSR	Serum Gold Top	REFERRAL LAB	1 Week			
UNCONJUGATED BILIRUBIN (INDIRECT)	UBI	Serum Gold Top	REFERRAL LAB	4 Days			
UREA AND ELECTROLYTES WITH CREATININE	UEC	Serum Gold Top	IN-HOUSE	2 Days		See individual components	
URIC ACID / URATE (SERUM)	UA	Serum Gold Top	IN-HOUSE	2 Days		Female: 140 - 360 Male: 200 - 430	HOLLY Male: 200 - 430 HOLLY Female: 140 - 360 PARK Both 1 Y 83 311 PARK Both 10 Y 110 327 PARK Male 15 Y 161 494 PARK Male 20 Y 182 585 PARK Male 150 Y 208 506 PARK Female 15 Y 150 392 PARK Female 20 Y 149 374 PARK Female

							150 Y 149 369
URINARY STONE PROFILE	USP	2x24 hr Urine, 1xSerum Gold Top	REFERRAL LAB	2 Weeks	Urines to be collected in both HCl & NaOH additives. SST sample for calcium, albumin and urate. Contact Laboratory for containers/instructions		
URINE CHEMISTRY - DIPSTICK TEST	UCH	MSU – white top	IN-HOUSE	1 Day	if POS on Nitrites or >=2+ Leukocytes send for MSU		
URINE PHOSPHATE	UPO	24 hour urine	IN-HOUSE	5 days	Acidify urine	15 - 50	
VAGINAL (HVS/GENITAL) SWAB MC&S	HSS	Swab	IN-HOUSE	4 Days			
VALPROIC ACID	VAL	Serum Gold Top	REFERRAL LAB	2 Days			
VARICELLA by PCR	VCP	EDTA Purple Top	REFERRAL LAB	5 Days			
VARICELLA ZOSTER IGG	VZV	Serum Gold Top	REFERRAL LAB	5 Days			

VARICELLA ZOSTER IGM	VZM	Serum Gold Top	REFERRAL LAB	5 Days			
VIRAL SCREEN	VSC	Serum Gold Top	REFERRAL LAB	5 Days			
VITAMIN A ASSAY	VIA	Serum Gold Top	REFERRAL LAB	5 Days			
VITAMIN B (B1, THIAMINE)	VB1	EDTA Purple Top	REFERRAL LAB	5 Days	Whole blood		
VITAMIN B2 (RIBOFLAVIN)	VB2	EDTA Purple Top	REFERRAL LAB	5 Days	Whole blood		
VITAMIN B3 (NIACIN)	B3	Serum Gold Top	REFERRAL LAB	5 Days			
VITAMIN B5 (PATHOTHENIC ACID)	B5	Serum Gold Top	REFERRAL LAB	5 Days			
VITAMIN B6 (PYRIDOXINE)	B6	EDTA Purple Top	REFERRAL LAB	5 Days	Whole blood		
VITAMIN C ASSAY	VIC	Serum Gold Top	REFERRAL LAB	5 Days	Separate immediately and freeze, send frozen		
VITAMIN D (1,25 DIHYDROXY) VITAMIN D3	VD3	Serum Gold Top	REFERRAL LAB	7 Days	Separate immediately and freeze, send frozen		
VITAMIN D (25 HYDROXY / 25 OH)	VID	Serum Gold Top	IN-HOUSE	7 Days		Deficient <25 Insufficient 25 - 50 Consider reducing does if taking supplements, or may require further intervention >200	

VITAMIN E ASSAY	VIE	Serum Gold Top	REFERRAL LAB	5 Days			
VITAMIN K	VIK	Serum Gold Top	REFERRAL LAB	10 Days			
VITAMIN SCREEN		2xSerum Gold Top, 1xEDTA	REFERRAL LAB	6 Days	Vit A, B1, B2, B6, C, E, Beta carotene- SST- Serum should be separated and frozen within 3 hours of venepuncture.		
VMA - URINE	VMA	24 hr Urine	REFERRAL LAB	5 Days	Contact Laboratory for instructions		
VON WILLEBRANDS SCREEN	VWS	3x Citrate	REFERRAL LAB	5 Days	Clinical and travel history details must be provided.		
YELLOW FEVER ANTIBODIES	YES	Serum Gold Top	REFERRAL LAB	10 Days	Clinical and travel history details must be provided.		
YERSINIA ANTIBODIES	YER	Serum Gold Top	REFERRAL LAB	4 Days			
ZIKA VIRUS (PCR)	ZIK	Serum Gold Top	REFERRAL LAB	2 Weeks			
ZINC	ZN	Serum Red Top	REFERRAL LAB	1 Week	Separate before sending, but indicate parent tube type		