

3A Laboratories

www.3ALabs.com

Profiles & Screens 2009-2010

ANNUAL HEALTH SCREENING (LABS 1)

Acid Phosphatase
Albumin
Alkaline Phosphatase
ALT
AST
Bicarbonate
Bilirubin
Calcium
Chloride
Cholesterol
CK
Creatinine
ESR
FBC
Gamma-GT
Globulin
Glucose
HDL Cholesterol
Iron
LDH
LDL Cholesterol
Phosphate
Potassium
Protein (total)
Sodium
TIBC
Triglycerides
Urate
Urea

24 hrs



WELL MAN SCREENING (LABS 2M)

LABS 1
PSA

24 hrs



WELL WOMAN SCREENING (LABS 2F)

LABS 1
FT4
TSH



24 hrs

HAEMATOLOGY PROFILE (LABS HEM)

Full Blood Count
ESR

24 h



DIABETES SCREENING (LABS 3)

Glucose
Glucose (urine)
Glucose Tolerance Test
Glycosylated Haemoglobin
Microalbumin (urine)

24 hrs



BLOOD HYPERTENSION SCREENING (LABS 4)

Adrenaline
Aldosterone (resting-active)
Aldosterone (urine)
Catecholamines (urine)
Metanephrines (urine)
Noradrenaline
Potassium (serum)
Renin (resting-active)
Sodium (serum)
Sodium (urine)
VMA

24 hrs



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ANTENATAL SCREENING (LABS 5)

Chlamydia Antigen
Chlamydia Trachomatis antibodies IgA/IgG/IgM
CMV antibodies IgG/IgM
Full Blood count (FBC)
Glucose
HbsAg
Herpes 1 IgG/IgM
Herpes 2 IgG/IgM
HIV I + HIVII antibodies

Listeria
 Rubella antibodies IgG/IgM
 Toxoplasma antibodies IgG/IgM
 Varicella Zoster IgG/IgM
 VDRL
 ABO Group
 Rhesus Type

24 hr



MENSTRUATION-AMENORRHOEA SCREENING (LABS 6)

17OH-progesterone
 3a-Diol-G (Glycuronated Androstendione)
 DHEA
 DHEA-S
 FSH
 LH
 Oestradiol
 Progesterone
 Prolactin
 SHBG
 T3
 T4
 Testosterone
 Testosterone, Free
 TSH
 Androstendione

24 hr



OSTEOPOROSIS SCREENING (LABS 7)

Alkaline Phosphatase Isoenzymes
 Calcium (urine 24 hr)
 Creatinine (urine 24 hr)
 CTx
 DPD (Crosslaps)
 Hydroxyproline (urine 24 hr)
 NTx
 Osteocalcin
 Phosphate (urine 24 hr)
 PTH
 Vitamin D3 (1,25-OH)
 Vitamin D3 (25-OH)

24 hr



THYROID SCREENING (LABS 8)

Antimicrosomal antibodies
 Anti-TPO antibodies
 ATG Antibodies

Calcitonin
FT3
FT4
FTI
RT3U
T3
T4
T4 uptake
TBG
Thyroglobulin
TSH

24 h



MALE FERTILITY SCREENING (LABS 9)

FSH
Glucose
LH
Oestradiol
Prolactin
Semen Acrosine
Semen Carnitine
Semen fructose
SHBG
Sperm count
T3
T4
Testosterone
Testosterone,Free
TSH



24 hrs

+ Semen

FEMALE INFERTILITY SCREENING (LABS 10)

FSH
LH
Oestradiol
Progesterone
Prolactin
T3
T4
TSH

24 h



CARDIOVASCULAR DISEASES SCREENING (LABS 11)

B-Natriuretic Peptide
CK-MB
CRP (high sensitivity)
Factor XII

Fibrinogen
Homocystein
LABS 2
Myoglobin
Troponin I
Troponin T

24 hrs



THROMBOTIC RISK SCREENING (LABS 12)

Anti-Cardiolipin Antibodies
Antithrombin III
APC-R
APTT
Calcium
FBC
Fibrinogen
Lupus Anticoagulant
MTHFR
Plasminogen
Platelet Count
Protein C
Protein S
Prothrombin time
Thrombin time

24 hrs



RECURRENT MISCARRIAGE SCREENING (Female) LABS 13

Anti Paternal Cytotoxic Antibodies (male)
Anti-Cardiolipin Antibodies
Chromosome Analysis, Blood
FSH
FT4
LH
Oestradiol
Prolactin
SHBG
T4
Testosterone
TSH

2 wks



DRUGS OF ABUSE SCREENING (LABS 14)

Amphetamines
Barbiturates
Benzodiazepines
Cannabis

Cocaine
Morphine
Phencyclidine

24 hrs



IMPOTENCE SCREENING (LABS 15)

Prolactin
Testosterone
SHBG
Free Androgen Index (FAI)

24 hrs



MALE GU INFECTION SCREENING (LABS 16)

Chlamydia Trachomatis IgA, IgG, IgM
Chlamydia Trachomatis swab by PCR
Hepatitis B surface antigen
HIV 1 & 2 Antibodies
HIV p24 Antigen
TPHA
Urethral Swab
VDRL



24 hrs

+ Swab

FEMALE GU INFECTION SCREENING (LABS 17)

Chlamydia Trachomatis swab by PCR
Hepatitis B surface antigen
Herpes I+II by PCR
HIV 1 and 2 antibodies
HIV p24 Antigen
Mycoplasma-Ureaplasma
VDRL



24 hrs

+Swab

ACUTE VIRAL HEPATITIS SCREENING (LABS 18)

Albumin
Alkaline Phosphatase
ALT
AST
Bilirubin
Gamma GT
Hepatitis A IgM antibodies
Hepatitis B surface antigen
Hepatitis C antibodies
Hepatitis D antibodies
Total Protein

24 hrs



TORCH SCREEN (LABS 19)

CMV IgG
CMV IgM
Herpes Simplex I and II IgG
Herpes Simplex I and II IgM
Rubella IgG
Rubella IgM
Toxoplasma IgG
Toxoplasma IgM

24 hrs



POLYCYSTIC OVARY SYNDROME SCREENING (LABS 20)

17-OH Progesterone
Cholesterol
DHEA-S
Free Androgen Index (FAI)
FSH
HbA1c
HDL Cholesterol
Insulin
LDL Cholesterol
LH
Prolactin
SHBG
Testosterone
Triglycerides
TSH

24 hrs



DIABETES PROFILE (LABS 21)

Glucose
HbA1c
Microalbumin

24 hrs



UREA AND ELECTROLYTES PROFILE (LABS 22)

Bicarbonate
Chloride
Creatinine
Potassium
Sodium
Urea

24 hrs



LIPID PROFILE (LABS 23)

Cholesterol
HDL Cholesterol
LDL Cholesterol
Total Lipids
Triglycerides
VLDL Cholesterol

24 hrs



ANEMIA PROFILE (LABS 24)

ESR
FBC
Ferritin
Folate
Iron
Vitamin B12

24 hrs



THYROID PROFILE (LABS 25)

FT3
FT4
T4
TSH

24 hrs



LIVER FUNCTIONAL PROFILE (LABS 26)

Albumin
Alkaline Phosphatase
ALT
AST
Bilirubin
Gamma-GT
Globulin
Total protein

24 hrs



HRT PROFILE (LABS 27)

Cholesterol
FSH

Glucose
HDL Cholesterol
LDL Cholesterol
Oestradiol
T4
Triglycerides
TSH

24 hrs



PROSTATE CANCER PROFILE (LABS 28)

Beta 2-Microglobulin
Prostatic Acid Phosphatase
PSA, Free
PSA, Total
PSA/Free PSA Ratio

24 hrs



HIRSUTISM PROFILE (LABS 29)

Free Androgen Index
FSH
LH
Prolactin
SHBG
Testosterone

24 hrs



THALASSAEMIA SCREEN (LABS 30)

ESR
FBC
Haemoglobin Electrophoresis
HbA2 (Haemoglobin A2)
HbF (Foetal Haemoglobin)

24 hrs



ATHLETIC & FITNESS PROFILE (LABS 31)

FBC
Iron
TIBC
Ferritin
Transferrin
CPK
LDH
Cholesterol
HDL-Cholesterol

LDL-Cholesterol
Triglycerides
Potassium
Sodium
Calcium
Magnesium
Glucose

24 hrs



BRONCHIAL-LUNG CANCER PROFILE (LABS 32)

ACTH
CA 72.4
Calcitonin
CEA
CYFRA 21
Ferritin
Growth Hormone (GH)
IgE
NSE
Prolactin
SCC

24 hrs



UTERINE AND CERVICAL CANCER PROFILE (LABS 33)

Beta-HCG
Beta-HCG, Free
CEA
CYFRA 21
SCC

24 hrs



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BILE DUCT CANCER PROFILE (LABS 34)

Alkaline Phosphatase
CA 125
CA 19.9
CA 50
CA 72.4
CEA

24 hrs



RHINO-PHARYNGEAL CANCER PROFILE (LABS 35)

CEA
CYFRA 21

EBV IgG
Ferritin
IgE
SCC

24 hrs



BLADDER CANCER PROFILE (LABS 36)

CA 50
CEA
TPA

24 hrs



HYPOPHYSIS CANCER PROFILE (LABS 37)

ACTH
FSH
GH
LH
Prolactin
TSH

24 hrs



CARCINOID PROFILE (LABS 38)

5 HIAA

24 hrs



BONE CANCER PROFILE (LABS 39)

Alkaline Phosphatase
CEA
CTx
DPD
Hydroxyproline
NTx
PTH
TPA

24 hrs



COLON CANCER PROFILE (LABS 40)

CEA
CA 125
CA 19.9
CA 50
TPA

24 hrs



Ferritin

LIVER CANCER PROFILE (LABS 41)

24 hrs



Alpha Foetoprotein
CA 19.9
CEA
Ferritin

GASTROINTESTINAL CANCER PROFILE (LABS 42)

24 hrs



CA 19.9
CA 72.4
CEA
Ferritin
Gastrin

MULTIPLE MYELOMA PROFILE (LABS 43)

24 hrs



Beta 2-Microglobulin
Ferritin
IgG, IgA, IgD, IgG, IgE
IgM
Immune-Electrophoresis
TPA

BREAST CANCER PROFILE (LABS 44)

24 hrs



Acid Phosphatase
Beta-HCG
Beta-HCG, Free
CA 15.3
CEA
Ferritin
IgE
MCA

MELANOMA PROFILE (LABS 45)



S-100
Melanin

24 hrs



RENAL CANCER PROFILE (LABS 46)

CEA
Erythropoietin
Renin
TPA

24 hrs



OESOPHAGUS CANCER PROFILE (LABS 47)

CA 19.9
CEA
CYFRA 21
SCC

24 hrs



OVARIAN CANCER PROFILE (LABS 48)

17-OH Progesterone
Alpha Fetoprotein
Beta HCG
Beta HCG, Free
CA 125
CA 15.3
CA 72.4
CEA
Testosterone
TPA

24 hrs



PANCREATIC CANCER PROFILE (LABS 49)

Beta 2-Microglobulin
CA 125
CA 19.9
CEA
Ferritin
Insulin
TPA

24 hrs



SURRENAL CANCER PROFILE (LABS 50)

Adrenaline
Aldosterone
Catecholamines (Urine)
Cortisol
DHEA-S
Metanephrines
Nor-Adrenaline
NSE
VMA

24 hrs



THYROID CANCER PROFILE (LABS 51)

CEA
Calcitonin
Thyroglobulin
TPA

24 hrs



TESTICULAR CANCER PROFILE (LABS 52)

Alpha Foetoprotein
Beta-HCG
Beta-HCG, Free
CEA
Ferritin
Oestradiol
Prolactin
TPA

24 hrs



DNA PATERNITY TEST (LABS 53)

DNA Paternity test (personal use)

5 days (swab)

DNA MATERNITY TEST (LABS 54)

DNA Maternity test (personal use)

5 days (swab)

DNA AVUNCULAR TEST (LABS 55)

DNA Avuncular test

5 days (swab)

DNA PATERNITY TEST (LABS 56)

DNA Paternity test (legal use)

7 days (swab)

DNA MATERNITY TEST (LABS 57)

DNA Maternity test (legal use)

7 days (swab)

DNA TEST FOR IMMIGRATION (LABS 58)

DNA test for Immigration (legal use)

7 days (swab)

FOOD INTOLERANCE PROFILE (LABS 59)

91 Food components tested

3 days

