MBA20 Profile Tests- Multiple Biochemical Analysis

This panel of tests primarily measures the Liver Function, Renal Function (Kidney) and Glucose (Sugar) levels of the Applicant. All MBA 20 tests are a Fasting Blood tests with an ideal fasting period of 8 – 12hrs. It is a very commonly requested Insurance Blood Screen test.

Note: Pregnant or Breastfeeding women or Diabetics are not to be fasted for any blood tests.

RENAI L FUNCTION TEST

- Sodium
- Potassium
- Bicarbonate
- Chloride
- Urea – result level increases when the Applicant has impaired Renal Function or Renal Disease
- Creatinine – result level increases when the Applicant has impaired Renal Function or Renal Disease
- eGFR

LIVER FUNCTION TEST

- Albumin
- Total Protein
- Bilirubin – when elevated, the Applicant may appear jaundice (yellow) due to the increase in the destruction of the Red Blood Cells
- GGT – An enzyme produced in the Liver (Elevated Levels indicate Liver Disease)
- ALP – An enzyme produced in the Liver (Elevated Levels indicate Liver Disease)
- AST – An enzyme produced in the Liver (Elevated Levels indicate Liver Disease)
- ALT – An enzyme produced in the Liver (Elevated Levels indicate Liver Disease)

OTHER TESTS

- Calcium (Total/Corrected/Adjusted)
- Phosphate
- Uric Acid – Indicator for the condition Gout
- Glucose – Indicator for Diabetes (Fasting Test)
- Cholesterol – HDL/LDL Lipids & Triglycerides (Fasting Test)
Other Common Applicant Blood Tests

HEPATITIS B Surface Antigen & HEPATITIS C Antibody
- Hep B Surface Antigen - Tests for the presence of a specific part of the Hep B Virus
- Hep C Antibody – Tests for the Applicant’s immune response to the Virus by testing for the production of antibodies to fight the Hep C infection

HIV (Human Immunodeficiency Virus)
- HIV – Tests for the Applicant’s immune response to the Virus by testing for the production of antibodies to fight the infection

FBC (Full Blood Count – Note: Can be requested with or without ESR)
- Haemoglobin – measure of oxygen carrying capacity of the blood (Low results = Anaemia)
- RCC (Red Cell Count)
- WCC (White Cell Count) and Differential (High Numbers = Infection/Leukaemia)
- ESR (erythrocyte Sedimentation Rate) (High Numbers = Infection/Inflammation)

HbA1c
A measure of the patient’s glucose level management control over the last three months

Thyroid Function Test
- T3
- T4
- TSH (Thyroid Stimulating Hormone)

Iron Studies
- Iron Levels
- Ferritin Levels (Iron Stores)

PSA
- Prostate Specific Antigen – An indicator for Prostate Cancer

Cotinine
- A metabolic test for Nicotinie (Smoking)