

**E****EAR SWAB**

Specimen required: **Gel swab for bacteria and fungi**

Department: Microbiology

**ECS ( ENDOCERVICAL SWAB )**

See GENITAL SPECIMENS

**EBV SEROLOGY**

See EPSTEIN BARR VIRUS SEROLOGY

**ECHOVIRUS (A TYPE OF ENTEROVIRUS)**

Specimen: Dry Throat swab and Faeces

Department: Referred

**EFA**

See ESSENTIAL FATTY ACIDS

**eGFR (ESTIMATED GFR)**

Specimen required: See Creatinine

Department: Biochemistry

Reference interval: > 60ml/min/1.73m<sup>2</sup>

Note: Calculated from serum creatinine, age, sex. Considered to be a more reliable index of renal function than serum Creatinine

**ELECTROLYTES**

Specimen required: **Serum (1 x SST)**

Department: Biochemistry

Note: We routinely perform Na<sup>+</sup>, K<sup>+</sup>, HCO<sub>3</sub><sup>-</sup>, Cl<sup>-</sup> and Anion Gap

**ELECTROPHORESIS**

See Protein Electrophoresis

**ENA ( EXTRACTABLE NUCLEAR ANTIGENS )**

See ANTI ENA ANTIBODIES

**ENDOCERVICAL SWAB**

See GENITAL SPECIMENS

**ENDOMYSIAL IGA ANTIBODIES (EMA)**

TEST NO LONGER PERFORMED - REPLACED BY TISSUE TRANSGLUTAMINASE ANTIBODIES (TTG IGA)

**ENTAMOEBIA HISTOLYTICA (AMOEBIC DYSENTERY)**

Specimen required: **Stool specimen**, must be fresh if trophozoites are to be observed. Patient may have to come to Main Laboratory.

Special containers are available on request from the Laboratory containing fixative if patient cannot come to Main Laboratory.

Department: Microbiology

Note: EIA for invasive Eh from stool referred to Pathwest after microbiology.

**ENTAMOEBIA HISTOLYTICA (AMOEBIC DYSENTERY) SEROLOGY**

Specimen required: **Serum (1xSST) 1-2ml of serum required for Entamoeba Histolytica serology.**  
 Department: Referred test  
 Note: Following invasive E. Histolytica bowel infection, (amoebic dysentery), patients may present with distinct abscesses months to years later e.g. liver abscesses. Serology is highly useful for diagnosis of E. Histolytica abscess.

**ENTERIC FEVER**

See SALMONELLA TYPHI

**ENTEROVIRUS (HAND/FOOT/MOUTH DISEASE)**

Specimen required: **(1) Throat swabs - Dry swab for PCR NO TRANSPORT MEDIUM**  
**(2) Faeces-** for PCR - NO TRANSPORT MEDIUM  
**(3) Blister lesion fluid/swab-** Dry swab for PCR - NO TRANSPORT MEDIUM  
 Department: Referred test  
 Comments: Hand/foot/mouth disease –Other Enterovirus related diseases include rash; meningitis/encephalitis; myocanditis; rarely conjunctivitis

**EOSINOPHIL CATIONIC PROTEIN (ECP)**

Specimen required: **Serum (1 x SST)**  
 Department: Biochemistry  
 Reference range: Children: < 20 µg/L  
 Adults: < 15 µg/L  
 Note: ECP correlates with airway inflammation in asthma patients. Increased levels may indicate increased risk of asthma exacerbation.

**EPILIM**

See VALPROIC ACID

**EPO**

See ERYTHROPOETIN

**EPSTEIN BARR VIRUS SEROLOGY (EBV) IGG & IGM**

Specimen required: **Serum (1 x SST)**  
 Department: Serology  
 Comment: Reported as Detected / Not Detected with appropriate interpretive comments.  
 Full Blood Count and IM Test are important adjuncts to Laboratory diagnosis.  
 Indications: May include fever, pharyngitis, cervical lymphadenopathy and atypical lymphocytosis (is the causative agent of Infectious Mononucleosis).  
 Consider also CMV or Toxoplasmosis.  
 Comments: Occasionally referred for specialized EBV serology, e.g. EBNA tests.

**ERYTHROPOETIN (EPO)**

Specimen Required: **Serum (1 x SST) – FROZEN**  
 Department: Referred test  
 Note: Please refer patient to the Main Laboratory for sample collection.

**ESSENTIAL FATTY ACIDS (EFA)**

Specimen required: **1 x Heparin NO GEL**  
 Department: Referred test  
 Note: The test is transported to a reference laboratory. Please contact the Laboratory for current COST TO PATIENT. Handling fee payment to Clinipath Pathology is required at collection. The patient will be invoiced directly for the test.

**ESR ( ERYTHROCYTE SEDIMENTATION RATE )**

Specimen Required: **1 x EDTA**  
Department: Haematology  
Reference range: Male: 0 - 15 mm/hour.  
Female: 0 - 20 mm/hour.

**ESTRADIOL ( E2 )**

See OESTRADIOL

**ETHANOL ( ETOH )**

See ALCOHOL

**ETHOSUXIMIDE**

Specimen required: **Serum (1 x SST). Bunbury Pathology to collect 2 x Lithium Heparin**  
Collect PRE-DOSE sample (Trough).  
Department: Referred  
Reference range: As stated on report

**EVEROLIMUS**

Specimen required: **1 x EDTA**  
Collect PRE-DOSE sample (Trough).  
Department: Referred  
Reference range: As stated on report

**EXTRACTABLE NUCLEAR ANTIGENS ( ENA )**

See ANTI ENA AUTO ANTIBODIES TO EXTRACTABLE NUCLEAR ANTIGENS

**EYE SWAB**

See specific listing for required test e.g. SWABS FOR BACTERIAL CULTURE  
FUNGAL CULTURE  
VIRAL DETECTION  
ACANTHAMOEBA

NOTE: Corneal scrapes – Please contact the senior scientist in microbiology as plates may need to be delivered to the ophthalmologist.

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