

Division of Laboratory Medicine

Immunology

EMA Binding Assay (HS Screen)

General information

The assay is useful in the diagnosis of Hereditary Spherocytosis (HS). The results should be interpreted alongside a full blood count and morphological assessment of a peripheral blood film.

Specimen transport: At room temperature.

Repeat frequency: At significant change of clinical symptoms.

Special precautions: The assay should be carried out on blood that is <24 hours old. Samples can be stored at 4°C prior to analysis.

Laboratory information

Normal reference range: Normal

Volume and sample type: 5ml EDTA blood

Method: Flow cytometry

Turnaround time (calendar days from sample receipt to authorised result): Median - 4

Clinical information

Indications for the test: Diagnosis of Hereditary Spherocytosis

Factors affecting the test: The test is not recommended for use on infants who are <1 year old as there is an increased likelihood of a false positive result.

ICE reference: HS Screen

(Last updated August 2018)