

Division of Laboratory Medicine

Immunology

Paraneoplastic Neuronal Antibodies

General information

Analysis includes anti-Hu, Yo, Ri, CV2, Amphiphysin, Ma1 and Ma2. Used to determine if an underlying malignancy exists alongside neurological disease.

Specimen transport: At room temperature

Repeat frequency: At significant change of clinical symptoms

Special precautions: None

Laboratory information

Normal reference range: Negative

Volume and sample type: 7ml serum

Method: Immunoblot

Turnaround time (calendar days from sample receipt to authorised result): Median – 7

Participation in EQA scheme: UK NEQAS for Paraneoplastic Antibodies

Clinical information

Indications for the test: Cerebellar degeneration, encephalitis, neuropathy

Factors affecting the test: Interferences may be possible by administration of intravenous immunoglobulins (so-called IVIG). At present no further interferences by drugs are known. After plasmapheresis preliminary positive results may become weak or negative.

(Last updated June 2022)