

## 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 clotted blood

**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.

**ICE reference:** Paraneoplastic Neuronal Antibodies

**(Last updated September 2020)**