

Division of Laboratory Medicine

Immunology

Voltage-Gated Potassium Channel Antibodies

Referred to:

Department of Immunology
The Churchill Hospital
Old Road
Headington
Oxford
OX3 7LJ

General information

Specimen transport: At room temperature

Repeat frequency: significant change of clinical symptoms

Special precautions: None

Laboratory information

Normal reference range: 0-100 pmol

Volume and sample type: 7ml serum

Method: RIA

Turnaround time (calendar days from sample receipt to authorised result): Median - 16, 95th percentile - 34

Clinical information

Indications for the test: Peripheral nerve hyperexcitability, neuromyotonia, Morvan's syndrome.

Factors affecting the test: Approx 20% of patients with VGKC antibodies will have an underlying thymoma. Patients may have Myasthenia gravis with or without acetylcholine receptor antibodies.

(Last updated June 2022)