

Division of Laboratory Medicine

Immunology

CASPR & LGI1 Antibodies (referred test)

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: Cell Based assay – no reference range

Volume and sample type: serum 1ml

Method: Cell based assay

Turnaround time (calendar days from sample receipt to authorised result): 14 days

Clinical information

Indications for the test: CASPR2 (Contactin Associated Protein 2) and LGI1 (leucine-rich glioma inactivated 1) antibodies are subunits of the potassium channel complex (VGKC). When the antibodies target LGI1 or CASPR2 they cause an encephalitis often termed limbic encephalitis.

(Last updated January 2019)