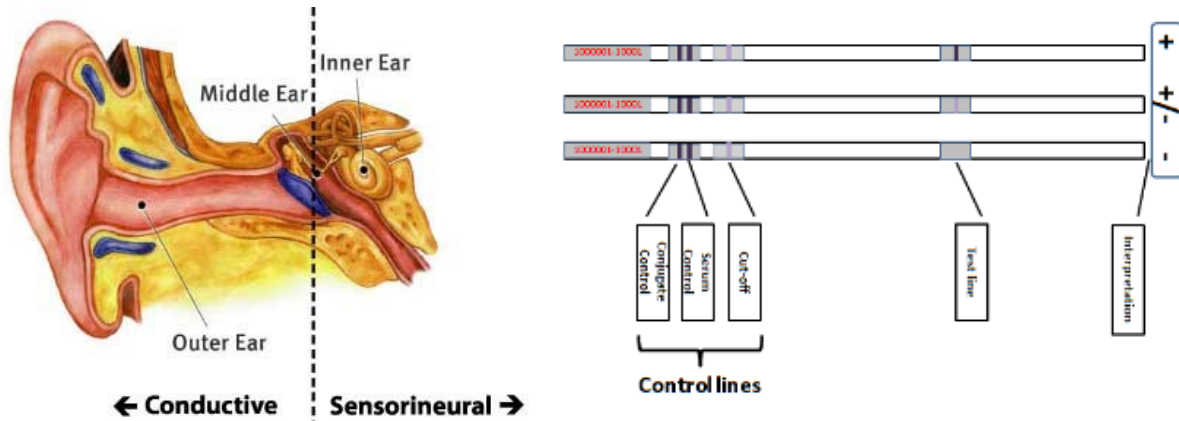


Reference Laboratory

Autoimmune Sensorineural Hearing Loss (ASNHL)

68kD (HSP-70) Antibody Line Immunoassay



BACKGROUND:

Autoimmune sensorineural hearing loss (ASNHL), also called autoimmune inner ear disease (AIED), is characterised by bilateral, rapidly progressive sensorineural hearing loss over a period of weeks to months. A line immunoassay for use in the detection and identification of antibodies to the 68kD (hsp-70) antigen associated with sensorineural hearing loss (SNHL) is offered through the reference laboratory.

SAMPLE PREPARATION & TRANSPORTATION:

Serum is required for immunological studies related to autoimmune hearing loss. 5 - 10 mL of whole blood should be collected without any anticoagulants.

Red top Vacutainer® or serum separator tubes (SST) can be used for collecting blood.

A minimum of 250µL - 500µL Serum separated from the clot can be sent in a specimen container designed to be transported by post.

If separation facilities are not available, whole blood can be sent instead, although this may result in haemolysis of the sample.

Serum specimens do not have to be refrigerated or frozen during transport but should be sent next day delivery. Do not ship samples on a Friday.

Samples are normally processed within a 10 working day period and the results are sent by post or email to the clinician or the department requesting the test.

ORDERING INFORMATION:

The sample should be accompanied by the following:

- A purchase order number for test **RL437** is required which is recognised by the accounts department responsible for paying the invoice.
- An address and/or email address to send the results to.
- An invoice address.
- A pathology request form for "**68kD / Hsp70 antibody**" or "Autoimmune **Sensorineural Hearing Loss test**", with details of the **Patient Name**, **date of birth** and **reference I.D.**

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