

## AP100 Alternative Pathway Haemolytic Complement

### General information

**Specimen transport:** Sample required on ice pack

**Repeat frequency:** At significant change in symptoms

**Special precautions:** Transport as soon as possible to lab. It is important that this is done to avoid reduction in activity that can occur with time.

### Laboratory information

**Normal reference range:** no reference range presently exists for this assay

**Volume and sample type:** 7ml clotted blood on ice

**Method:** Haemolysis in gel

**Turnaround time (calendar days from sample receipt to authorised result):** Median – 6

**Participation in EQA Scheme:** INSTAND Complement Analysis EQA scheme and we participate in a sample exchange scheme.

### Clinical information

**Indications for the test:** Suspected primary immunodeficiencies involving complement components e.g. recurrent infections and in the investigation of complement mediated renal disease.

**Factors affecting the test:** If screened too soon after acute infection leads to false (positive) results due to complement activation. Some complement components are temperature sensitive and it is important that the samples should be delivered to the lab in a timely manner and on ice

**ICE reference:** Alternative Pathway (AP100)

**(Last updated October 2020)**