

## Division of Laboratory Medicine

Vaccine Evaluation Unit

### Diphtheria IgG Antibody Determination

Diphtheria IgG antibody determination by flow analysis assay bead assay.

#### General information

**Collection container (including preservatives):** Clotted blood sample tube (no preservative)

**Specimen type:** Clotted Blood/serum, paired sera

**Specimen transport:** Ambient temperature via porter, courier, Royal Mail or DX compliant with IATA packing instruction 650

**Type and volume of sample:** Clotted Blood/serum; Minimum volume 0.1mL

**Special precautions:** If processing is delayed, refrigeration is preferable to storage at ambient temperature. Delays of over 48hr are undesirable.

#### Laboratory information

**Measurement units:** IU/mL

**Biological reference units:** Not applicable

**Turnaround time:** 28 working days

#### Clinical information

**Clinical decision points:** IgG of  $\geq 0.1$  IU/mL considered protective

**Factors known to significantly affect the results:** none known

(Last updated December 2014)