

## Division of Laboratory Medicine

Molecular Microbiology

### JC virus PCR

#### General information

**Collection container (including preservatives):** CE marked leak proof container

**Specimen type:** EDTA blood, urine, CSF

**Specimen transport:** Compliance with current postal and transportation regulations is essential. Clinical samples should be collected into a sterile leak-proof container in a sealed plastic bag. Appropriate hazard labelling according to local policy should be applied. Specimens should be transported and processed as soon as possible. If processing is delayed refrigeration is preferable to storage at room temperature.

**Minimum volume of sample:** Minimum volume 500µl

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

#### Laboratory information

**Measurement units:** Copies/mL

**Biological reference units:** Not applicable

**Turnaround time for provisional result (working days):** 3 days

**Turnaround time to final result (working days):** 4 days

#### Clinical information

**Clinical decision points:** Not applicable

**Factors known to significantly affect the results:** False negative results may occur for a variety of reasons, for example inappropriate timing of sample collection, inappropriate sample, presence of virus below the detectable limit of the assay. New and emerging variants may also occur which may not be detected by this assay. Towards the limit of detection of an assay sampling variation will result in lower reproducibility.

**(Last updated December 2014)**