

Division of Laboratory Medicine

Molecular Microbiology

Human Parvovirus B19 viral load

Slapped cheek syndrome, Fifth disease

General information

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

Specimen type: EDTA blood, Amniotic Fluid, Tissues

Specimen transport: Ambient or refrigerated

Minimum volume of sample: 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

Turnaround time: 3-4 working days

Tissues take longer to process which can sometimes increase the turnaround time.

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 October 2017)