

VIROLOGY ADDITIONAL SERVICES

Royal Liverpool & Broadgreen University Hospitals NHS Trust

1. Electron microscopy for Viral Gastroenteritis

This test is no longer offered by the laboratory

We now offer a multiplex PCR test as detailed below:

Viral Gastroenteritis PCR screen:

Rotavirus A

Adenovirus

Astrovirus

Sapovirus

The viral gastroenteritis PCR will be run at least twice a week with results available within 4 days from receipt of the sample in the laboratory.

2. Reference laboratories and the tests they offer.

Turn around time for most reference laboratory requests is 2-3 weeks.

VIROLOGY:-_

Investigation	Specimen Type	Address
Acyclovir levels Ganciclovir levels	Clotted Blood	Antimicrobial Reference Lab. Med. Micro. Dept. North Bristol NHS Trust Southmead Hospital (Old pathology block) Bristol BS10 5NB
HHV 6 PCR	EDTA blood	Micropathology Ltd University of Warwick Science Park, Barclays Venture centre Sir William Lyons Road, Coventry CV4 7EZ www.micropathology.com
HHV 8 PCR	Whole, unspun, EDTA blood	Colindale HPA
HTLV PCR (Qualitative assay only)	Whole, unspun, EDTA blood	Colindale HPA
HIV Incidence test	Clotted or, EDTA blood	Colindale HPA
Antiviral susceptibility e.g. HBV polymerase sequencing, CMV ganciclovir resistance, HSV drug susceptibility assays.		Birmingham HPA

Dengue, Rickettsia (and other arboviral serology) (serum)		Porton Down HPA
HCV genotyping (serum)		Colindale HPA BBOV
Hepatitis D Antibody	Clotted Blood	Colindale HPA
Hepatitis E (serum)		Colindale HPA BBOV
Herpes Simplex Virus Type specific antibodies		Colindale HPA BBOV
Parasitology serology	Clotted Blood	Hospital for Tropical Diseases
Toxoplasma PCR	Whole, unspun, EDTA blood	Swansea HPA
Mumps IgG/IgM, Measles IgG/IgM, Rubella IgM		Colindale HPA BBOV
HTLV Ab (serum or plasma) HTLV proviral DNA PCR HIV Pro-viral DNA	Whole, unspun, EDTA blood	Colindale HPA BBOV
HTLV 1 and 2 viral load (despatch ASAP to avoid lysis)	Whole, unspun, EDTA blood	Jefferiss Wing, St. Mary's Hospital, Paddington, London
JC/BK PCR (urine/CSF)		Colindale ERNVL