

Viral Whole Genome Sequencing Service

Viral Whole Genome Sequencing (WGS) is performed at the Institute of Child Health Pathogen Genomics Unit (PGU). The Microbiology department at GOSH can facilitate nucleic acid extraction and reporting of results.

This is not a UKAS accredited service.

Viral WGS service is available for the following viruses:

Varicella Zoster Virus (please note this replaces previous PCR-based VZV services offered at GOSH):

- Genotypic antiviral resistance testing
- Molecular typing of post-vaccine rashes for differentiation between vaccine and wild type virus in rashes occurring <42 days post vaccination.

Cytomegalovirus

- Genotypic antiviral resistance testing

Adenovirus

- Genotypic antiviral resistance testing

Test Description	Specimen required	NHS Price	Non-NHS Price	Turnaround Time	Request Form
Viral Whole Genome Sequencing	Original specimen or purified DNA	£490.50	£572.25	2-4 weeks	Viral WGS Request Form

Please send samples accompanied by request form to:

Virology Laboratory
Level 4, Camelia Botnar Laboratories
Great Ormond Street Hospital for Children
Great Ormond Street
London WC1N 3JH

Hays Dx: GOSH DX 6640203, Bloomsbury 91 WC

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