



There is lots of useful information on our website: <https://mft.nhs.uk/nwglh/>

Contact us: mft.genomics@nhs.net

Genomic testing is delivered through a national network of seven Genomic Laboratory Hubs (GLHs) across England, each responsible for coordinating testing within their geographical region. The North West Genomics Laboratory Hub (NWGLH) is led by Manchester University NHS Foundation Trust with laboratory sites at Manchester and Liverpool and includes other delivery partners across the region.

We provide all genomic testing for cancer patients across the North West region including DNA panel testing, RNA sequencing, FISH tests, DPYD testing and whole genome sequencing (where applicable). For some specialist tests, samples may be forwarded onto other GLHs, but this will not affect the referral process or the return of results.

Finding the right test

The **National Genomic Test Directory** for cancer lists all the nationally funded genomic tests for each cancer type, based on diagnostic utility and available NICE approved therapies. The test directory is updated each year to ensure access to the latest testing. Certain genes are also included to enable recruitment to clinical trials.

<https://www.england.nhs.uk/publication/national-genomic-test-directories/>

Each test indication has a specific associated M code (tumour samples) or R code (germline samples) which can be found on the Test Directory and will be needed (ideally) for the request form. Additional information is available on the North West GLH webpage where request forms for each cancer indication can be found.

Test Directory frequently asked questions guide:

[NHS England » National Genomic Test Directory: supporting material](#)

Informed consent should be taken for a germline genetic test. Consent should be recorded in the medical records. A standard form may be used: <https://mft.nhs.uk/nwglh/documents/consent/>

Test ordering

- Electronic ordering solutions are under development and updates will be provided as functionality becomes possible. In the interim, find the form at the NW GLH website: <https://mft.nhs.uk/nwglh/documents/test-request-forms/>
- Please include:
 - full clinical details and R/M code
 - requestor contact details (email/phone)
- Collect the correct sample type – guidance notes on specific referral forms or our website
- If tumour testing is requested on archival material please liaise with your local pathology lab where that material is held
- Please indicate any infection risk associated with submitted samples.
- For WGS, a record of discussion must be completed in addition to the test request: <https://mft.nhs.uk/app/uploads/2021/05/1-The-Record-of-Discussion-form-for-WGS.pdf>
- Send the labelled sample and completed form to the NW GLH via the usual laboratory transport systems
- Unlabelled samples cannot be accepted**
- Lab contact email: mftgenomics@nhs.net

Results support

Weekly genomic tumour advisory board - tumour panel test results inc WGS, standard of care panels, ctDNA
 Monthly inherited cancer MDT for advice on potential inherited variants. See referral forms on our website.

<https://mft.nhs.uk/nwglh/test-information/cancer/solid-tumour/sample-requirements/referral-form/>

If you have any further questions regarding genomic testing in cancer please contact:

- Scientific advice – Helene.Schlecht@mft.nhs.uk (Solid tumours), Duty.Scientist-MDC@mft.nhs.uk (Haemato-oncology)
- Medical oncology advice - Matthew.Krebs@nhs.net
- Clinical haemato-oncology advice – Rachel.Wells@liverpoolft.nhs.uk
- Pathology advice – Matthew.Brown@mbht.nhs.uk

Educational Resources



GeNotes

Genomic notes for clinicians; educational resource for healthcare professionals, designed to be used in a clinical setting

<https://www.genomicseducation.hee.nhs.uk/about-us/genotes-genomic-notes-for-clinicians/>



GeneReviews

International point-of-care resource that provides clinically relevant and medically actionable information for inherited conditions

<https://www.ncbi.nlm.nih.gov/books/NBK1116/>



NHS

North West
Genomic Medicine Service Alliance

NW GMSA is one in a network of regional alliances launched in England by the NHS Genomic Medicine Service (GMS) to oversee and co-ordinate the embedding of genomics into routine healthcare across England.

<https://www.nw-gmsa.nhs.uk>



Genomics
England

Online resource to learn about genomics

<https://www.genomicsengland.co.uk/genomic-medicine/understanding-genomics>