

Nephrology Genomic Testing

Confirm genomic test is required & clinically useful (must meet one of the following criteria):



Result will inform patient management

or...



Result will inform reproductive decisions for patient or relative

or...



Asymptomatic relative is seeking predictive testing

Confirm patient meets test eligibility criteria outlined in the [National Genomic Test Directory](#).

Non-WGS (Singleton)

R194 - Haematuria
R197 - Membranoproliferative glomerulonephritis
R196 - CFHR5 nephropathy
R198 - Tubulopathy
R199 - CAKUT
R201 - Atypical haemolytic uraemic syndrome
R202 - Tubulointerstitial Kidney Disease
R204 - Hereditary systemic amyloidosis
R256 - Nephrocalcinosis
R446 - APOL1
R65 - Aminoglycoside exposure posing risk to hearing
R246 - Cascade testing
R346 - DNA for Storage

Forms Required**

Non-WGS Test Order Form (TOF):

- Completed for the patient only
- Include all relevant HPO terms (see [Human Phenotype Ontology website](http://hpo.jax.org) (hpo.jax.org))
- State how patient meets the eligibility criteria
- Explain clearly why the test is clinically useful**

Non-WGS Record of Discussion (ROD) form:

- Completed for the patient only

Samples Required

1x EDTA sample (patient only) labelled with 3 patient identifiers

Copy of Test Order Form (TOF) to be sent with blood sample

No need to email any forms to the lab

WGS (Trio if paediatric)

R195 - Proteinuric Kidney Disease
R193 - Cystic Kidney Disease
R257 - Unexplained young onset end stage renal disease

**Use our '[Order or find a test' directory](#) to browse eligibility criteria and download the forms you need!



Forms Required** (complete electronically)

WGS Test Order Form (TOF):

- Patient details (& parent details if trio)
- Minimum x5 HPO terms (see [Human Phenotype Ontology website](http://hpo.jax.org) (hpo.jax.org))
- State how patient meets the eligibility criteria
- Explain clearly why the test is clinically useful*

WGS Record of Discussion (ROD) form:

- 1x ROD form for each family member

Samples Required

1x EDTA per family member tested (i.e. 3x samples if trio) labelled with 3 patient identifiers

Email copy of all documents (1xTOF & up to 3x ROD forms) to the lab: gst-tr.wgs@nhs.net

Nephrology testing is not performed in the South East- Reports are issued by the laboratory performing the test.

Visit our [webpage](#) for more help to request a genomic test:



*[Video - How to decide if a test is clinically useful:](#)



[Learn more about Renal Medicine & Genomics:](#)

