

**Huntington disease (HD) OMIM: 143100**  
**Gene: Huntingtin (HTT) Locus: 4p16.3 OMIM: 613004**

**SERVICE:** [PCR analysis for common expansion](#)  
[Linkage analysis for prenatal exclusion testing](#)

**TESTING:** [Diagnostic\\*](#): [clinically affected adult patients](#)  
[Presymptomatic#](#): [patients at risk of developing HD](#)

**REFERRALS:** [from Consultant Clinical Geneticists and Consultant Neurologists](#)  
[#Presymptomatic testing is only accepted from a Consultant Clinical Geneticist](#)  
[\\*Please contact the laboratory if you are considering testing a juvenile \(<18 years old\)](#)  
The laboratory does NOT accept referrals directly from patients

## TARGET REPORTING TIME AND COSTS

(Non UK National Health Service patients are subject to a surcharge. Payment must be agreed prior to testing – please include invoice form A)

<a href="#">Diagnostic:</a>	<a href="#">2 weeks</a>	<a href="#">£145</a>
<a href="#">Presymptomatic:</a>	<a href="#">2 weeks</a>	<a href="#">£145</a>
<a href="#">Linkage analysis:</a>	<a href="#">2 weeks</a>	<a href="#">£415</a>

## TECHNICAL INFORMATION

- PCR (including Triplet-primed PCR) analysis of the (CAG)<sub>n</sub> repeat region in exon 1 of the HTT gene
- Microsatellite marker analysis for prenatal exclusion testing at the 4p16.3 locus

## SAMPLE REQUIREMENTS

- 1-5ml blood in EDTA or 50ul DNA (concentration ~500ng/ul)
- All patient samples must be labelled with **name, date of birth and Hospital/NHS number**
- Samples should be accompanied by a FULLY completed request card (available from the laboratory)
- Please include details of test, family history, patient address & postcode, GP, referring clinician and unit/hospital
- **Samples and paperwork must include three unique and matching patient identifiers**

## SHIPPING DETAILS

- DNA can be sent by first class post
- Blood must be appropriately packaged and preferably sent by courier to arrive as soon as possible.
- Do not freeze prior or during postage.

## CONSENT

It is the responsibility of the referring clinician to ensure consent has been obtained for:

- testing and storage
- the use of the sample and the information generated from it to be shared with members of the patients family and their health professionals

After testing, part of this sample might be used anonymously for the development of new tests and to monitor the quality of laboratory results.

## CONTACT DETAILS

Genetics Laboratories, Box 143  
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Cambridge CB2 0QQ  
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Website: [www.cuh.org.uk/genetics-labs](http://www.cuh.org.uk/genetics-labs)



Accredited Medical Laboratory  
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