Who we are
Majority owned by the NHS, but with the commercial freedom to invest in innovation, Viapath are on a mission to transform pathology services in the UK. We provide pathology services to the NHS, private hospitals and other organisations both across the country and internationally.

What we do
All of our laboratories are CPA accredited and are working towards the more stringent ISO15189 accreditation. We are committed to delivering a clinically excellent pathology service, placing quality at the core of everything we do.

TEST OVERVIEW

Description
C1 (esterase) inhibitor level/function is decreased in hereditary/genetic and acquired angioedema. In Type I C1 inhibitor and acquired C1 inhibitor deficiency the protein level is decreased. In Type II C1 inhibitor deficiency where the protein is synthesised but non-functional its concentration is normal but functional C1 inhibitor activity is decreased. C1 inhibitor deficiency is associated with decreased complement C4 level. The investigation of hereditary angioedema includes the determination of C1 inhibitor concentration and when indicated functional activity and C4 levels.

Related condition or disease
Hereditary Angioedema

Reference range
Functional level >84 C1 inhibitor concentration 0.22 - 0.38

Units
Functional level - %, Concentration level - mg/l

Department
Diagnostic Immunology and Allergy Department

Laboratory
Diagnostic Immunology Laboratory at King’s

Location
Viapath at King’s College Hospital

ORDERING INFORMATION

Sample type and Volume required
Clotted (Gold top Vacutainer)

Turnaround time
10 working days

Storage and transport
Sample must arrive in Immunology within 2 hrs, or for outside laboratories be separated and frozen within 2 hours and sent on ice.

Time limit
10 days

Contacts
Diagnostic Immunology and Allergy Department at King’s College Hospital
General Enquiry : 020 3299 8752 / 020 3299 1171
King’s College Hospital
Bessemer Wing - 1st Floor
Denmark Hill
London SE5 9RS

How can we help?
We have a number of partnering options to suit your needs, whether you require this specific test or a range of services, we are here to help. Contact one of our friendly Business Development Managers for more information, or visit our website.