



A partnership between UCLH, the Royal Free London
and The Doctors Laboratory

SURNAME				DOB		When completing this form please provide at least three unique identifiers for your patient.
FORENAME	TITLE		M/F			
Hospital No.	Laboratory ID No.			Sample date		

Category: NHS Private

Diagnosis:

Date of last plasma exchange:

Other clinical details:

Name of referring clinician:

Contact phone number:

Signature: _____

Mailing address for Report

Postcode:

Email address of requesting Consultant:

Email address of Laboratory contact:

TESTS

CP13 ADAMTS-13 Activity **C***

**If sample cannot get to the lab within 24hrs, please send 2x frozen aliquots (≥0.5ml) of double spun Citrated plasma and ship on dry ice (in a suitably vented container).*

A13A ADAMTS-13 Antibody **B**

Please label all samples with patient name, DOB, NHS or Lab no. and date of collection.

URGENT REQUEST

If urgent please contact: uclh.ttp@nhs.net

INVOICING DETAILS

Price: £100.00 for ADAMTS-13 activity
£100.00 for ADAMTS-13 antibody

Purchase Order No.:

(If no Purchase Order or Invoice Address is provided, testing will be held until this information is provided)

Name:

Address:

We will assay ADAMTS13 activity (and IgG anti-ADAMTS13 if the activity is decreased). If additional assays (e.g. ADAMTS13 antigen) are required, please telephone to discuss.

SAMPLE REQUIREMENTS

- 1x citrated blood, ship immediately at ambient temperature; to arrive within 24 hours of collection.

OR

- Send 2x frozen aliquots (≥0.5ml) of double spun Citrated plasma and ship on dry ice (in a suitably vented container).
- For Antibody testing please send 1x serum sample.
- Please Label all samples with patient name, NHS or Lab No. and Date of collection.

LABORATORY CONTACT DETAILS

Deepak Singh Email: Deepak.Singh@tdlpathology.com
Phone: 0777 3488461

SAMPLE DELIVERY ADDRESS

HSL Haemostasis Laboratory, Haematology Department
60 Whitfield Street, London, W1T 4EU
Phone: 020 3912 0298 Fax: 020 3447 9838

For Practice Use Only:						For Laboratory Use Only:						For Patient Service's Use Only:			
EDTA	SST	GREY	MSU	OTHERS	INITIALS	EDTA	SST	GREY	MSU	OTHERS	INITIALS	TIME IN	TIME IN	TIME OUT	TAKEN BY
												R	Ph	Ph	INITIALS

ADAMTS-13 Activity assay

Clinical relevance: A plasma metalloprotease, ADAMTS-13, cleaves von Willebrand factor (VWF) multimers and down regulates their activity in platelet aggregation. Functional ADAMTS-13 deficiency leads to the accumulation of hyperactive large VWF multimers, inducing a life-threatening disease, thrombotic thrombocytopenic purpura (TTP). Quantitation of the ADAMTS13 activity level is useful to distinguish patients with TTP from other thrombocytopenic conditions such as haemolytic uremic syndrome (HUS), immune thrombocytopenic purpura (ITP) or heparin induced thrombocytopenia (HIT).

Assay provider: HSL (A partnership between UCLH, Royal Free London and TDL)

Testing site: Haematology Department, 60 Whitfield Street, London, W1T 4EU

Consultant haematologists: Dr Marie Scully, Dr John Paul Westwood, Dr Mari Thomas

Testing methodology: FRETs (Fluorescence Resonance Energy Transfer)

Reference range: 60-146 IU/dl

Price: £100 per sample

TAT: 3 days; **Urgent requests:** 24 hours (Arranged by Consultant haematologists)

Result reporting: Fax, email, electronic transfer, Post (hardcopy).

Sample requirements

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OR

- Send 2x frozen aliquots (≥ 0.5 ml) of double spun Citrated plasma and ship on dry ice (in a suitably vented container).
- Please Label all samples with patient name, NHS number and date of collection.
- For Antibody testing please send 1x serum sample.

Requesting

If you require testing please fill the Request Form obtained from the TDL website:

<http://www.tdlpathology.com/test-information/request-forms>

Please ensure the invoice details are filled in or provide a PO number to proceed.

Follow up tests

If the ADAMTS-13 activity is decreased (less than 30%); ADAMTS-13 inhibitor assay is required for titration of inhibitor levels. Price is additional £100 per assay.

If the autoantibody is low, ADAMTS13 sequencing for genetic mutation is suggested to rule out congenital TTP.

Contact

If require any further information please contact:

Deepak Singh (Haemostasis Section Head): Deepak.singh@tdlpatholgy.com

Josh Brady (Business Development & Services Manager): Josh.Brady@tdlpathology.com