

RIQAS

RANDOX INTERNATIONAL QUALITY ASSESSMENT SCHEME

**METHOD QUESTIONNAIRE
COAGULATION PROGRAMME**

Please be aware that the *RIQAS* Instrument and reagent supplier codes are now in a separate booklet. Please ensure you have a copy of this in order to complete this document.

This document must be retained by participant

REGISTRATION INSTRUCTIONS & RIQAS POLICIES

CRITERIA FOR PARTICIPATION

This programme is available to any laboratory running the Coagulation assays listed in this document. Quantitative results will be accepted on this programme.

INTRODUCTION

Method questionnaires are available for all routine *RIQAS* Programmes. They are designed to allow you to register for this *RIQAS* Programme and to inform you of *RIQAS* protocols and policies. It is important that you read and understand all the information in these introductory pages. If you have any questions or concerns about any of the information presented in this document, please contact *RIQAS* either directly or through your local Randox Laboratories representative.

REGISTRATION INSTRUCTIONS

1. METHOD QUESTIONNAIRE:- To be retained by participant

This method questionnaire should be completed and retained by you for your records. Please ensure that you complete the method questionnaire in full. Your details will help us to classify your results correctly and thus provide you with useful statistical data.

In order to fully complete this questionnaire you will also need a copy of the *RIQAS* Instruments and Reagent Suppliers which is available to download from the *RIQAS* website (www.riqas.com). Please ensure you have this list available when completing this questionnaire.

Following this introduction section, is the method questionnaire, which indicates the method codes available for each parameter along with the standard *RIQAS* unit. On the method questionnaire, for each parameter you wish to run, please tick the method appropriate to you, then state your instrument code, reagent code, and the units that you use in your laboratory if they are different from the *RIQAS* standard units. If codes are not available for your assay, please state the details of your method clearly in the section at the end of the enrolment document.

Factors, Plasminogen, Antithrombin III, Protein C and Protein S must be returned as % activity.

For aPTT and PT, participants should register all the units that they usually report results in.

aPTT may be registered in seconds or as a ratio of a mean normal APTT, calculated as follows:

$$\text{aPTT RATIO} = \text{Patient aPTT} / \text{Mean normal aPTT}$$

Registration of aPTT for both seconds and ratio will only count as ONE analyte

PT may be registered in seconds, as a ratio, as a % activity or as an INR, as follows:

$$\text{PT RATIO} = \text{Patient PT} / \text{Mean Normal PT}$$

$$\text{PT INR} = (\text{Patient PT} / \text{Mean Normal PT})^{ISI}$$

Once your method questionnaire has been completed, you must transfer the information onto your enrolment document.

2. ENROLMENT DOCUMENT:- To be returned to *RIQAS*

Please be aware that it may take up to 3 weeks to process enrolment documents.

A. LABORATORY REFERENCE NUMBER

Each participant is assigned a **laboratory reference number** which consists of a **participant number** which is unique to your laboratory and a **registration letter** which is assigned for each new registration we receive from you. If you are a current or previous participant, please state your **participant number** on the enrolment document. If you do not have a Laboratory Reference Number, this will be generated by *RIQAS* when you register for the first time.

B. ORDER NUMBER

If you are a UK or Irish participant, please state your official order number in the boxes provided. Other participants may order directly from their local Randox Laboratories representative.

C. CYCLE/PRODUCT REQUIREMENTS

Please tick the cycles you wish to subscribe for. If there is more than one kit/product offered for the programme, please also tick the kit you wish to subscribe for.

D. CONTACT DETAILS

It is important to state the name and full address details of the Quality Assessment Officer or contact person who will receive all correspondence and routine reports during the cycle. Please also state the company name of the Randox representative who is supplying you with the *RIQAS* product under 'Randox Representative'.

E. *RIQAS* Net

RIQAS Net is a web-based online method for result entry/method changes/viewing of released reports. Reports will be sent to up to 3 email addresses as PDF files. Internet access and login details are required for *RIQAS* Net and Adobe Reader is required for viewing reports. If you wish to use *RIQAS* Net please indicate this by ticking the box on the enrolment document. Your login information and password will be supplied by *RIQAS*. Your login information will be based on the 1st email address you supply on your enrolment document. A PDF copy of the report will be sent to this address and can also be sent to 2 other email addresses. These addresses should be stated on your enrolment document.

F. PDF reports

Reports can now be sent as PDF files as an alternative to paper reports. These files can be sent to up to 3 email addresses. If you wish to receive PDF reports please indicate this by ticking the box on the enrolment document and include the email addresses to which the reports should be sent. Adobe Reader is required to view the reports.

G. GROUP REPORTS

It is possible to enrol **multiple instruments** within your laboratory. **Kindly complete separate enrolment documents for each instrument.** A **complementary instrument group report** is supplied if you have returned results for more than one registration of the same programme. If you intend to enrol laboratories at different sites or if you are part of a group of laboratories, an **inter-laboratory group report for each sample** can be supplied on receipt of a completed authorisation form from each registered laboratory. Please contact *RIQAS* for a copy of the official inter-laboratory authorisation form.

H. REGISTRATION OF METHODS

Complete the 'Registration of Methods' section for all required parameters using the codes you selected on your method questionnaire. If no code is available for your assay, please state the details of your method clearly in the section at the end of the enrolment document.

For Ortho-Clinical Diagnostics VITROS registrations, please state the 2 digit slide Generation number for each analyte.

If units other than the standard RIQAS units are used, please specify these in the boxes supplied.

Once completed, the enrolment document should be sent to RIQAS for registration.

NOTE: IF A REGISTERED PARTICIPANT DOES NOT PARTICIPATE FOR A CYCLE, THEY WILL BE EXPECTED TO COMPLETE NEW ENROLMENT DOCUMENTS IN ORDER TO RE-JOIN THE PROGRAMME.

I. CHANGES DURING A CYCLE

Please inform *RIQAS* of any change to contact details as soon as possible. It is also possible to change your unit, method, instrument or reagent classification during a cycle.

Participants who use return sheets: Each Results Return Sheet has a section for method changes. Please state your new classification codes at the bottom of your next return sheet. We assume that your new classification will be in routine use from the date on the return sheet unless you tell us otherwise. If you have added or deleted a parameter, changed your unit or Vitros slide generation number, an updated return sheet will be forwarded to you. It is important that you discard your old return sheet and use only your updated copy for future returns.

Participants who use RIQAS Net: Changes can be made in the Method Changes section of the Data Entry menu. A list of your registered laboratory reference numbers will appear on screen. Select the laboratory reference number for which you would like to change the assay details. A current list of assay details will appear. Click on the appropriate parameter and the assay details will appear. To change the details click the arrow box on the appropriate details and select a new one. Save the changes and submit them to *RIQAS*. Changes will not be instantaneously updated. On receipt of method changes *RIQAS* staff will manually process and update your assay details which will then be uploaded onto *RIQAS* Net. It is possible to submit results and method changes at the same time as method changes will be made before results are submitted.

LABORATORY REFERENCE NUMBERS & RETURN SHEETS

On receipt of your enrolment document *RIQAS* will generate a **Laboratory Reference Number** for your laboratory and additional numbers for associated laboratories or multiple instruments if requested. If you are registering for the first time you will be sent *RIQAS* literature, which will enable you to understand the *RIQAS* process and interpret your reports.

Participants using *RIQAS* Net will receive an email containing their login information. Once you have successfully logged in to *RIQAS* Net you will see your various laboratory reference numbers for each registered programme.

Participants who do not use *RIQAS* Net will be sent a master return sheet which is specific for your registered parameters and units. You should photocopy this sheet as required and use it to return results to *RIQAS*.

ORDERING RIQAS PRODUCTS

Please ensure that your order is placed with your local Randox representative **at least 6-8 weeks** before the cycle starts. This will ensure sufficient time to process and despatch your kit(s) to you. Participants from UK or Ireland may order products directly from *RIQAS* with an official order number. Orders received within 6 weeks of the start of the cycle will be processed, but *RIQAS* cannot guarantee delivery in time for the first sample. Current prices of *RIQAS* products are available from your local Randox Laboratories representative.

It may be possible to order *RIQAS* products during a cycle, subject to availability. Please contact your local Randox representative for more information.

SHIPPING AND RECEIPT OF RIQAS PRODUCTS

Provided that you have ordered sufficiently in advance, your *RIQAS* kit(s) will be shipped to you to arrive before the analysis date of the first sample in the kit. If you do not receive your kit(s) before this time, please contact your local Randox representative.

On receipt of your *RIQAS* kit, please check that:

- a) it is the product you ordered
- b) the tamper-proof label has not been broken
- c) the kit contains detailed Instructions For Use (IFU), including material characteristics, preparation, stability, storage and safety
- d) the correct number of samples are present as indicated on the IFU
- e) the samples have the appearance as indicated on the IFU and that none of them are damaged

Please notify your local Randox representative immediately if any of these are incorrect.

Please ensure that the product is immediately stored according to the recommendations on the package labelling.

ASSAY OF SAMPLES & RETURN OF RESULTS

Carefully read the instructions stated on the Instructions for Use (IFU) prior to preparation and assay of *RIQAS* samples. The *RIQAS* samples should be assayed at the recommended time specified on the IFU. Following appropriate preparation, samples should be treated as routine, unless otherwise stated on the IFU. Please assay the samples on or before the recommended date for analysis and forward your results to *RIQAS* by no later than **17:00 GMT on the FINAL DATE**, as indicated in the IFU. If returning results on return sheet, it is most important that your Laboratory Reference Number(s), cycle number, sample number and FINAL DATE for return of results are clearly written at the top of the return sheet. If you wish to fax your results please transmit them 3 working days before the FINAL DATE to + 44 (0) 28 9445 4398. You may also e-mail your results to mail@riqas.com. Please contact *RIQAS* for a RESULT RETURN SHEET template.

LATE AND CORRECTED RESULTS

In keeping with the objectives of EQA schemes, participants should be aware that collusion and falsification of results is considered to be unethical and constitutes scientific fraud. While *RIQAS* permits the submission of late or corrected results under the circumstances described below, routine reports are clearly marked to indicate late and corrected results.

LATE RESULTS

Results received after the FINAL DATE will be processed retrospectively. Participants will still receive their report which will record late results as "NO RESULTS" until reprocessing is complete. Please ensure that any late results you wish to submit reach us by no later than the final date of the following sample. Any results received after this date will not be entered.

CORRECTED RESULTS

Participants will be permitted to submit corrected results up to 4 weeks after the final date of the sample. While a new report will not be issued, corrected results will be processed retrospectively and results can be viewed on subsequent reports.

DESPATCH OF REPORTS

Results will normally be processed within 2 days of the FINAL DATE. Reports sent by PDF reports will be sent as soon as the results have been processed and for those registered for *RIQAS* Net the PDF reports will be available on *RIQAS* Net shortly after. Printed reports usually take a further 1-3 days to print and despatch.

USE OF *RIQAS* REPORTS

Participants have permission to make copies of their *RIQAS* reports for internal use and for regulatory purposes only. *RIQAS* reports must not be duplicated for external use without permission from the *RIQAS* Scheme Co-ordinator. Under no circumstances should information on *RIQAS* reports be taken out of context or falsified in any way.

CONFIDENTIALITY

Participation in any *RIQAS* programme is considered to be strictly confidential. Any data transfer or correspondence with participants, either directly or via local Randox representative, will be deemed confidential. Participants should be aware that their laboratory accreditation bodies have the right to request an assessment of a participant's performance. Where regulatory authorities are to be provided with a participant's results, participants will be notified.

CERTIFICATES OF PARTICIPATION

Complimentary certificates of participation for each *RIQAS* programme are available to participants at the **end of the current cycle**, provided that **at least 50%** of results have been returned. The certificate will specify the cycle, programme and the LABORATORY / HOSPITAL NAME specified in the address details of the enrolment document. Modified certificates may be requested through your local Randox representative. At the end of a cycle, a list of all eligible labs will be sent to the local Randox representative who will confirm the Laboratory/Hospital Name. This list will be returned to the *RIQAS* department and certificates printed according to the details sent by the local Randox representative. If any modifications or additions are required after this list has been finalised an administration fee will be charged.

PERFORMANCE SURVEILLANCE OF UK LABS

RIQAS is obligated to identify and report persistent poor performing UK labs to the National Quality Assessment Advisory Panel. Poor performers are identified as those failing to meet performance criteria agreed with NQAAP. The performance criteria is specified in all performance surveillance correspondence with participants, and is also available on request. Participants are initially informed of poor performance by letter. Failure to improve performance will prompt details to be forwarded to NQAAP. All information sent to participants and NQAAP is strictly confidential. Please contact *RIQAS* if you require further information on Performance Surveillance.

PARTICIPANT FEEDBACK & RIGHT TO APPEAL

In order to ensure that *RIQAS* provides an appropriate and satisfying service, all participants will be provided with a feed-back questionnaire towards the end of a cycle. We would invite you to contact us at any time during the cycle, should you have any requests for additional programmes or parameters or comments regarding existing programmes.

RIQAS makes every effort to ensure that the samples provided are clinically challenging to as many laboratory systems as possible. For details, please contact *RIQAS* either directly or through your local Randox representative.

Should the need arise, participants may appeal against the interpretation of their results or assessment of their performance through correspondence with the local Randox Laboratories representative or by contacting *RIQAS* directly.

SUB-CONTRACTING

RIQAS sub-contracts aspects of the scheme. *RIQAS* accepts responsibility for the sub-contractors' work and protocols are in place to ensure that sub-contractors are deemed competent.

OUR COMPETENCE AS A PROFICIENCY TESTING PROVIDER

On request, *RIQAS* is willing to co-operate with participants seeking evidence of our competence as a proficiency testing provider or information on the design and implementation of *RIQAS* Programmes.

DEVIATION FROM EXISTING POLICIES/SERVICE

If there is any deviation from the existing policies or service, participants will be notified either directly or via their local Randox representative.

Please contact *RIQAS* at

Tel: +44 (0) 28 9445 4399

Fax: +44 (0) 28 9445 4398

E-Mail mail@riqas.com

RIQAS Scheme Co-ordinator: Stephen Doherty

RANDOX LABORATORIES LTD., 55 Diamond Road, Crumlin, Co. Antrim, United Kingdom, BT29 4QY

Revised November 2011

THIS PROGRAMME HAS NOT YET BEEN ACCREDITED
TO ILAC G13:08/2007

RIQAS

COAGULATION PROGRAMME: RQ9135

Method codes (based on reagent name)

Factor II

CODE	METHOD	CODE	METHOD
BS	<input type="checkbox"/> Biomerieux Simplastin	DTS	<input type="checkbox"/> Siemens/Dade-Behring Thromborel S
BSL	<input type="checkbox"/> Biomerieux Simplastin L	STNC	<input type="checkbox"/> Stago Neoplastine CI
IHF	<input type="checkbox"/> HemosIL PT-Fibrinogen	STNCP	<input type="checkbox"/> Stago Neoplastine CI Plus
IHFH	<input type="checkbox"/> HemosIL PT-Fibrinogen HS	BSE	<input type="checkbox"/> Trinity/Biomerieux Simplastin/PT Excel
IHFHP	<input type="checkbox"/> HemosIL PT-Fibrinogen HS Plus	TBTP	<input type="checkbox"/> Trinity/Biomerieux Simplastin/PT Excel S
IHFR	<input type="checkbox"/> HemosIL PT-Fibrinogen Recombinant	BSEH	<input type="checkbox"/> Trinity/Biomerieux Simplastin/PT HTF
IHR	<input type="checkbox"/> HemosIL RecombiPlasTin	TBMH	<input type="checkbox"/> Trinity/Biopool ThromboMAX HS
PHDS	<input type="checkbox"/> Pacific Thromboplastin DS	U	<input type="checkbox"/> Unknown Method
DI	<input type="checkbox"/> Siemens/Dade-Behring Innovin		

UNITS: % activity

Factor V

CODE	METHOD	CODE	METHOD
BSL	<input type="checkbox"/> Biomerieux Simplastin L	DI	<input type="checkbox"/> Siemens/Dade-Behring Innovin
HTP	<input type="checkbox"/> Helena Thromboplastin	DTS	<input type="checkbox"/> Siemens/Dade-Behring Thromborel S
IHF	<input type="checkbox"/> HemosIL PT-Fibrinogen	STNC	<input type="checkbox"/> Stago Neoplastine CI
IHFH	<input type="checkbox"/> HemosIL PT-Fibrinogen HS	STNCP	<input type="checkbox"/> Stago Neoplastine CI Plus
IHFHP	<input type="checkbox"/> HemosIL PT-Fibrinogen HS Plus	TBTP	<input type="checkbox"/> Trinity/Biomerieux Simplastin/PT Excel S
IHFR	<input type="checkbox"/> HemosIL PT-Fibrinogen Recombinant	BSEH	<input type="checkbox"/> Trinity/Biomerieux Simplastin/PT HTF
IHR	<input type="checkbox"/> HemosIL RecombiPlasTin	TBMH	<input type="checkbox"/> Trinity/Biopool ThromboMAX HS
IHR2	<input type="checkbox"/> HemosIL RecombiPlasTin 2G	U	<input type="checkbox"/> Unknown Method
PHDS	<input type="checkbox"/> Pacific Thromboplastin DS		

UNITS: % activity

Factor VII

CODE	METHOD	CODE	METHOD
BSL	<input type="checkbox"/> Biomerieux Simplastin L	DI	<input type="checkbox"/> Siemens/Dade-Behring Innovin
HTP	<input type="checkbox"/> Helena Thromboplastin	DTS	<input type="checkbox"/> Siemens/Dade-Behring Thromborel S
IHF	<input type="checkbox"/> HemosIL PT-Fibrinogen	STNC	<input type="checkbox"/> Stago Neoplastine CI
IHFH	<input type="checkbox"/> HemosIL PT-Fibrinogen HS	STNCP	<input type="checkbox"/> Stago Neoplastine CI Plus
IHFHP	<input type="checkbox"/> HemosIL PT-Fibrinogen HS Plus	TBTP	<input type="checkbox"/> Trinity/Biomerieux Simplastin/PT Excel S
IHFR	<input type="checkbox"/> HemosIL PT-Fibrinogen Recombinant	BSEH	<input type="checkbox"/> Trinity/Biomerieux Simplastin/PT HTF
IHR	<input type="checkbox"/> HemosIL RecombiPlasTin	TBMH	<input type="checkbox"/> Trinity/Biopool ThromboMAX HS
IHR2	<input type="checkbox"/> HemosIL RecombiPlasTin 2G	U	<input type="checkbox"/> Unknown Method
PHDS	<input type="checkbox"/> Pacific Thromboplastin DS		

UNITS: % activity

Factor VIII

CODE	METHOD	CODE	METHOD
CHC	<input type="checkbox"/> Chromogenix Coamatic F8	DP	<input type="checkbox"/> Siemens/Dade Pathromtin SL
GDGA	<input type="checkbox"/> Grifols DG-APTT	STA	<input type="checkbox"/> Stago aPTT
HAE	<input type="checkbox"/> Helena APTT ES	STCK	<input type="checkbox"/> Stago CK-Prest
IHALS	<input type="checkbox"/> HemosIL aPTT Lyophilised Silica	STPA	<input type="checkbox"/> Stago PTT Automate
IHA	<input type="checkbox"/> HemosIL APTT-SP liquid	BPL	<input type="checkbox"/> Trinity/Biomerieux Platelin L/APTT S
IHS	<input type="checkbox"/> HemosIL Synthasil	TBTA	<input type="checkbox"/> Trinity/Biomerieux Triniclot aPTT
PA	<input type="checkbox"/> Pacific Hemostasis APTT-XL	TBA	<input type="checkbox"/> Trinity/Biopool Alexin
DAF	<input type="checkbox"/> Siemens/Dade Actin FS	U	<input type="checkbox"/> Unknown Method
DAL	<input type="checkbox"/> Siemens/Dade Actin FSL		

UNITS: % activity

RIQAS

COAGULATION PROGRAMME: RQ9135

Method codes (based on reagent name)

Factor IX

CODE	METHOD
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HAE	<input type="checkbox"/> Helena APTT ES
IHA	<input type="checkbox"/> HemosIL APTT-SP liquid
IHALS	<input type="checkbox"/> HemosIL aPTT Lyophilised Silica
IHS	<input type="checkbox"/> HemosIL Synthasil
PA	<input type="checkbox"/> Pacific Hemostasis APTT-XL
DAF	<input type="checkbox"/> Siemens/Dade Actin FS
DAL	<input type="checkbox"/> Siemens/Dade Actin FSL

UNITS: % activity

CODE	METHOD
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DP	<input type="checkbox"/> Siemens/Dade Pathromtin SL
STA	<input type="checkbox"/> Stago aPTT
STCK	<input type="checkbox"/> Stago CK-Prest
STPA	<input type="checkbox"/> Stago PTT Automate
BPL	<input type="checkbox"/> Trinity/Biomerieux Platelin L/APTT S
TBTA	<input type="checkbox"/> Trinity/Biomerieux Triniclot aPTT
TBA	<input type="checkbox"/> Trinity/Biopool Alexin

Factor X

CODE	METHOD
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BSL	<input type="checkbox"/> Biomerieux Simplastin L
HTP	<input type="checkbox"/> Helena Thromboplastin
IHF	<input type="checkbox"/> HemosIL PT-Fibrinogen
IHFH	<input type="checkbox"/> HemosIL PT-Fibrinogen HS
IHFHP	<input type="checkbox"/> HemosIL PT-Fibrinogen HS Plus
IHFR	<input type="checkbox"/> HemosIL PT-Fibrinogen Recombinant
IHR	<input type="checkbox"/> HemosIL RecombiPlasTin
PHDS	<input type="checkbox"/> Pacific Thromboplastin DS

UNITS: % activity

CODE	METHOD
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STNC	<input type="checkbox"/> Stago Neoplastine CI
STNCP	<input type="checkbox"/> Stago Neoplastine CI Plus
DI	<input type="checkbox"/> Siemens/Dade Innovin
DTS	<input type="checkbox"/> Siemens/Dade Thromborel S
TBTP	<input type="checkbox"/> Trinity/Biomerieux Simplastin/PT Excel S
BSEH	<input type="checkbox"/> Trinity/Biomerieux Simplastin/PT HTF
TBMH	<input type="checkbox"/> Trinity/Biopool ThromboMAX HS

Factor XI

CODE	METHOD
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HAE	<input type="checkbox"/> Helena APTT ES
IHALS	<input type="checkbox"/> HemosIL aPTT Lyophilised Silica
IHA	<input type="checkbox"/> HemosIL APTT-SP liquid
IHS	<input type="checkbox"/> HemosIL Synthasil
PA	<input type="checkbox"/> Pacific Hemostasis APTT-XL
DAF	<input type="checkbox"/> Siemens/Dade Actin FS
DAL	<input type="checkbox"/> Siemens/Dade Actin FSL

UNITS: % activity

CODE	METHOD
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DP	<input type="checkbox"/> Siemens/Dade Pathromtin SL
STA	<input type="checkbox"/> Stago aPTT
STCK	<input type="checkbox"/> Stago CK-Prest
STPA	<input type="checkbox"/> Stago PTT Automate
BPL	<input type="checkbox"/> Trinity/Biomerieux Platelin L/APTT S
TBTA	<input type="checkbox"/> Trinity/Biomerieux Triniclot aPTT
TBA	<input type="checkbox"/> Trinity/Biopool Alexin

Factor XII

CODE	METHOD
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GDGA	<input type="checkbox"/> Grifols DG-APTT
HAE	<input type="checkbox"/> Helena APTT ES
IHALS	<input type="checkbox"/> HemosIL aPTT Lyophilised Silica
IHA	<input type="checkbox"/> HemosIL APTT-SP liquid
IHS	<input type="checkbox"/> HemosIL Synthasil
PA	<input type="checkbox"/> Pacific Hemostasis APTT-XL
DAF	<input type="checkbox"/> Siemens/Dade Actin FS
DAL	<input type="checkbox"/> Siemens/Dade Actin FSL

UNITS: % activity

CODE	METHOD
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DP	<input type="checkbox"/> Siemens/Dade Pathromtin SL
STA	<input type="checkbox"/> Stago aPTT
STCK	<input type="checkbox"/> Stago CK-Prest
STPA	<input type="checkbox"/> Stago PTT Automate
BPL	<input type="checkbox"/> Trinity/Biomerieux Platelin L/APTT S
TBTA	<input type="checkbox"/> Trinity/Biomerieux Triniclot aPTT
TBA	<input type="checkbox"/> Trinity/Biopool Alexin

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COAGULATION PROGRAMME: RQ9135

Method codes (based on reagent name)

Fibrinogen

CODE	METHOD	CODE	METHOD
APTF	<input type="checkbox"/> APTEC Diagnostics Fibrinogen	LBF	<input type="checkbox"/> Laboratorios Biogamma Fibrinogen
ASF	<input type="checkbox"/> Assell Fibrinogen	LCF	<input type="checkbox"/> Linear Chemicals Fibrinogen
BKF	<input type="checkbox"/> Bio-Ksel Fibrinogen	LFF	<input type="checkbox"/> Liofilchem Fibrinogen
BKP	<input type="checkbox"/> Bio-Ksel System PT	OT	<input type="checkbox"/> Orion Diagnostica Turbox Fibrinogen
BLBF	<input type="checkbox"/> Biolabo Bio-Fibri	PHF	<input type="checkbox"/> Pacific Hemostasis Fibrinogen
BF	<input type="checkbox"/> Biomerieux Fibriquik	PNA	<input type="checkbox"/> Precipitation with Na2SO4
CHF	<input type="checkbox"/> Chematil Fibrinogen	RENF	<input type="checkbox"/> Renam Fibrinogen
CCA	<input type="checkbox"/> Chemetron Coachem aPTT	SCVF	<input type="checkbox"/> Scilavo Fibrinogen
DKF	<input type="checkbox"/> Dako Fibrinogen	SGF	<input type="checkbox"/> SGM Italia Fibrinogen
DIGF	<input type="checkbox"/> Diagam Fibrinogen	SCBF	<input type="checkbox"/> Shanghai Changdao Biotech Fib.
DGF	<input type="checkbox"/> Diagon Dia-FIB	DID	<input type="checkbox"/> Siemens/Dade Innovin derived Fibrinogen
DIAF	<input type="checkbox"/> Dialab Fibrinogen	DM	<input type="checkbox"/> Siemens/Dade Multifibrin
DIF	<input type="checkbox"/> Dia-med Dia Fibrinogen	DT	<input type="checkbox"/> Siemens/Dade Thrombin
DUDF	<input type="checkbox"/> Dutch Diagnostics Fibrinogen	DTD	<input type="checkbox"/> Siemens/Dade Thromboplastin derived Fibrinogen
FSF	<input type="checkbox"/> Futura Systems Fibrinogen	SPF	<input type="checkbox"/> Spinreact Fibrinogen
GEH	<input type="checkbox"/> Gernon Hemofibrin	STF	<input type="checkbox"/> Stago Fibrinogen
GDGF	<input type="checkbox"/> Grifols DG-FIB	STFP	<input type="checkbox"/> Stago STA Fibri-Prest Automate
HF	<input type="checkbox"/> Helena Fibrinogen	STT	<input type="checkbox"/> Stago Thrombin
HTR	<input type="checkbox"/> Helena Thrombin Reagent	TF	<input type="checkbox"/> Technoclone Fibrinogen
IHFC	<input type="checkbox"/> HemosIL Fibrinogen C	TSF	<input type="checkbox"/> Technology-Standard Fibrinogen
IHFH	<input type="checkbox"/> HemosIL PT-Fibrinogen HS	TCTF	<input type="checkbox"/> Teco Teclot Fibrinogen
IHFHP	<input type="checkbox"/> HemosIL PT-Fibrinogen HS Plus	TBAT	<input type="checkbox"/> Trinity/AMAX Thrombin
IHFR	<input type="checkbox"/> HemosIL PT-Fibrinogen Recombinant	TBBT	<input type="checkbox"/> Trinity/Biopool Bovine Thrombin
IHFQ	<input type="checkbox"/> HemosIL QFA (bovine thrombin)	TBF	<input type="checkbox"/> Trinity/Biopool Fibrinogen
IHR2	<input type="checkbox"/> HemosIL RecombiPlasTin 2G	TUF	<input type="checkbox"/> Tulip Fibroquant
HUF	<input type="checkbox"/> Human Fibrinogen	WF	<input type="checkbox"/> Wiener Lab Fibrinogen
LABF	<input type="checkbox"/> Labitec Fibrinogen		

UNITS: mass, please state unit

Plasminogen

CODE	METHOD
IHP	<input type="checkbox"/> Hemosil Plasminogen
HBBP	<input type="checkbox"/> Hyphen BioMed BioPhen Plasminogen
INH	<input type="checkbox"/> In-House
DBP	<input type="checkbox"/> Siemens/Dade Berichrom Plasminogen
STS	<input type="checkbox"/> Stago Stachrom Plasminogen
TBAC	<input type="checkbox"/> Trinity/AMAX Accucolor

UNITS: % activity

RIQAS

COAGULATION PROGRAMME: RQ9135

Method codes (based on reagent name)

Antithrombin III

CODE	METHOD	CODE	METHOD
ADAT3	<input type="checkbox"/> American Diagnostics Actichrome ATIII	IHLA	<input type="checkbox"/> HemosIL Liquid Antithrombin
APTC	<input type="checkbox"/> APTEC Antithrombin III	HBBA	<input type="checkbox"/> Hyphen BioMed BioPhen ATIII
BKAT	<input type="checkbox"/> Bio-Ksel Antithrombin III	LFA	<input type="checkbox"/> Liofilchem Antithrombin III
BAT3	<input type="checkbox"/> Biodevice ATIII	CT	<input type="checkbox"/> Roche Chronogenic Thrombin
CHCLR	<input type="checkbox"/> Chromogenix Coamatic LR	SCVAT	<input type="checkbox"/> Sclavo ATIII
CHCS	<input type="checkbox"/> Chromogenix Substrate	SNAN	<input type="checkbox"/> Sentintel Antithrombin III
GDGCA	<input type="checkbox"/> DG-Chrom ATIII	SINN	<input type="checkbox"/> Siemens Innovance Antithrombin III
DIGA	<input type="checkbox"/> Diagam ATIII	DAT3	<input type="checkbox"/> Siemens/Dade Antithrombin III
DGAT	<input type="checkbox"/> Diagon ATIII	DB	<input type="checkbox"/> Siemens/Dade Berichrom ATIII
DIA	<input type="checkbox"/> Dialab Antithrombin III	SPAT	<input type="checkbox"/> Spinreact Antithrombin III
FSAN	<input type="checkbox"/> Futura System Antithrombin III	STAT3	<input type="checkbox"/> STACHrom ATIII
HCZ	<input type="checkbox"/> Helena Chrom-Z	TBAC	<input type="checkbox"/> Trinity/AMAX Accucolor
IHLA	<input type="checkbox"/> HemosIL Lyophilised Antithrombin III	TBSA	<input type="checkbox"/> Trinity/Biopool Spectrolyse Antithrombin
IHEA	<input type="checkbox"/> HemosIL Electrachrome Antithrombin		

UNITS: % activity

Protein C

CODE	METHOD	CODE	METHOD
BV	<input type="checkbox"/> Biomerieux VIDAS Protein C	DPC	<input type="checkbox"/> Siemens/Dade Protein C Clotting
CRE	<input type="checkbox"/> Corgenix REAADS Elisa Protein C	STAPC	<input type="checkbox"/> STACHrom Protein C
GDGPC	<input type="checkbox"/> Grifols DG-Chrom PC	STSC	<input type="checkbox"/> Stago StaClot
HCC	<input type="checkbox"/> Helena Chromogenic Protein C	TCTC	<input type="checkbox"/> Technoclone Technochrom Protein C
HE	<input type="checkbox"/> Helena ELISA	TBSNC	<input type="checkbox"/> The Binding Site Nanorid Protein C
IHE	<input type="checkbox"/> HemosIL Electrachrome Protein C	TBACC	<input type="checkbox"/> Trinity/AMAX Accuclot Protein C
IHPC	<input type="checkbox"/> HemosIL Protein C	TBACL	<input type="checkbox"/> Trinity/AMAX Accucolor Protein C
HBPC	<input type="checkbox"/> Hyphen Biophen Protein C	TBTPC	<input type="checkbox"/> Trinity/AMAX Triniclot Protein C
DBC	<input type="checkbox"/> Siemens/Dade Berichrom Protein C		

UNITS: % activity

Protein S

CODE	METHOD	CODE	METHOD
ADAPS	<input type="checkbox"/> American Diagnostics Acticlot Protein S	DSA	<input type="checkbox"/> Siemens/Dade Protein S Ac
CRE	<input type="checkbox"/> Corgenix REAADS Elisa Protein S	STL	<input type="checkbox"/> STA Liatest
HCS	<input type="checkbox"/> Helena Clotting Protein S	STASS	<input type="checkbox"/> Stago Asserachrom Free Protein S
HE	<input type="checkbox"/> Helena ELISA	STSC	<input type="checkbox"/> Stago StaClot
IHFPS	<input type="checkbox"/> IL HemosIL Free Protein S	TBSNS	<input type="checkbox"/> The Binding Site Nanorid Protein S
IHPS	<input type="checkbox"/> IL HemosIL ProS	TBTPS	<input type="checkbox"/> Trinity/AMAX Triniclot Protein S
DS	<input type="checkbox"/> Siemens/Dade Protein S	TBB	<input type="checkbox"/> Trinity/Biopool Bioclot Protein S-300

UNITS: % activity

RIQAS

COAGULATION PROGRAMME: RQ9135

Method codes (based on reagent name)

APTT- Activated Partial Thromboplastin Time

CODE	METHOD	CODE	METHOD
AMAX	<input type="checkbox"/> AMP Diagnostics APTT-XL	SRA	<input type="checkbox"/> Seac-Radim APTT
BKAP	<input type="checkbox"/> Bio-Ksel System APTTs	SNA	<input type="checkbox"/> Sentinel APTT
BJSA	<input type="checkbox"/> Beijing Steellex aPTT	SGA	<input type="checkbox"/> SGM Italia aPTT
BAPT	<input type="checkbox"/> Biodevice APTT	SCBA	<input type="checkbox"/> Shanghai Changdao Biotech APTT
BLBC	<input type="checkbox"/> Biolabo Bio-CK APTT	DA	<input type="checkbox"/> Siemens/Dade Actin
BMA	<input type="checkbox"/> Biomar APTT	DAC	<input type="checkbox"/> Siemens/Dade Actin Cephaloplastin
BQAP	<input type="checkbox"/> Biomedica QuikCoag APTT	DAF	<input type="checkbox"/> Siemens/Dade Actin FS
CCA	<input type="checkbox"/> Chemetron Coachem aPTT	DAL	<input type="checkbox"/> Siemens/Dade Actin FSL
DGA	<input type="checkbox"/> Diagon Dia-PTT	DAS	<input type="checkbox"/> Siemens/Dade Actin SL
DIE	<input type="checkbox"/> Dialab, APTT EA Liquid	DP	<input type="checkbox"/> Siemens/Dade Pathromtin SL
DMC	<input type="checkbox"/> DiaMed DiaCelin	SPA	<input type="checkbox"/> Spinreact APTT
DUDA	<input type="checkbox"/> Dutch Diagnostics aPTT	STA	<input type="checkbox"/> Stago aPTT
EAC	<input type="checkbox"/> Elitech Auto-CK	STC	<input type="checkbox"/> Stago Cephascreen
FSA	<input type="checkbox"/> Futura System APTT	STCK	<input type="checkbox"/> Stago CK Prest
GEHP	<input type="checkbox"/> Gernon Hemos PTT	STPA	<input type="checkbox"/> Stago PTT Automate
GDGA	<input type="checkbox"/> Grifols DG-APTT	STPR	<input type="checkbox"/> Stago PTT Reagenz/T
HA	<input type="checkbox"/> Helena APTT	TA	<input type="checkbox"/> Technoclone APTTC
HAE	<input type="checkbox"/> Helena APTT ES	TAPTT	<input type="checkbox"/> Technoclone DaPTT in TC
HAS	<input type="checkbox"/> Helena APTT SA	TAPS	<input type="checkbox"/> Technoclone Siron aPTT
IHALS	<input type="checkbox"/> HemosIL APTT-Lyophilised Silica	TSA	<input type="checkbox"/> Technology-Standard aPTT
IHA	<input type="checkbox"/> HemosIL APTT-SP liquid	TTC	<input type="checkbox"/> Teco TEClot APTT
IHSF	<input type="checkbox"/> HemosIL Synthafax	TSAX	<input type="checkbox"/> Thermo Scientific APTT-XL
IHS	<input type="checkbox"/> HemosIL Synthasil	BPL	<input type="checkbox"/> Trinity/Biomerieux Platelin L/APTT S
HAP	<input type="checkbox"/> Hospitex APTT	BPLS	<input type="checkbox"/> Trinity/Biomerieux Platelin LS/APTT HS
HUHA	<input type="checkbox"/> Human Hemostat APTT	TBTA	<input type="checkbox"/> Trinity/Biomerieux Triniclot APTT
LABT	<input type="checkbox"/> Labitec aPTT	TBA	<input type="checkbox"/> Trinity/Biopool Alexin
MIA	<input type="checkbox"/> Media IVD aPTT	TBEA	<input type="checkbox"/> Trinity/Biopool APTT EA
PALS	<input type="checkbox"/> Pacific Hemostasis APTT- LS	TBAP	<input type="checkbox"/> Trinity/Biopool APTT-P
PA	<input type="checkbox"/> Pacific Hemostasis APTT-XL	TUL	<input type="checkbox"/> Tulip Liquicelin
PKLA	<input type="checkbox"/> Pokler Italia APTT	VEA	<input type="checkbox"/> Vital Diagnostics ElectaLab APTT
QCHA	<input type="checkbox"/> QCA Hemoscann APTT	WAE	<input type="checkbox"/> Weiner Lab APTT
R2PL	<input type="checkbox"/> R2 Phospholin ES	RENAP	<input type="checkbox"/> Renam APTT
SCLA	<input type="checkbox"/> Sclavo APTT-S		

UNITS: seconds RATIO multiple units may be registered

PT - Prothrombin Time

CODE	METHOD	CODE	METHOD
<input type="checkbox"/>	AMTDS AMP Diagnostics Thrombo DS	<input type="checkbox"/>	PHDS Pacific Thromboplastin DS
<input type="checkbox"/>	AST Axis Shield Thrombotest	<input type="checkbox"/>	PKLP Pokler Italia Thromboplastin
<input type="checkbox"/>	ASN Axis-Shield Nycotest PT	<input type="checkbox"/>	R2PPL R2 Phosphoplastin RL
<input type="checkbox"/>	BJSP Beijing Steellex PT	<input type="checkbox"/>	RASP RAL Hemoplastin SP
<input type="checkbox"/>	BPT Biodevice PT	<input type="checkbox"/>	RENAP Renam PT
<input type="checkbox"/>	BKP Bio-Ksel System PT	<input type="checkbox"/>	RCC Roche Coagucheck
<input type="checkbox"/>	BLBT Biolabo Bio-TP	<input type="checkbox"/>	SCLAP Sclavo PT
<input type="checkbox"/>	BQPT Biomedica QuikCoag PT-HS	<input type="checkbox"/>	SRP Seac-Radim PT
<input type="checkbox"/>	BS Biomerieux Simplastin	<input type="checkbox"/>	SGP SGM Italia Thromboplastin
<input type="checkbox"/>	BSL Biomerieux Simplastin L	<input type="checkbox"/>	SCBP Shanghai Changdao Biotech PT
<input type="checkbox"/>	BRX Biorex PT	<input type="checkbox"/>	DI Siemens/Dade Innovin
<input type="checkbox"/>	DGTS Diagen Thromboplastin S	<input type="checkbox"/>	DTPCP Siemens/Dade Thromboplastin C Plus
<input type="checkbox"/>	DGP Diagon, Dia-PT	<input type="checkbox"/>	DTPC Siemens/Dade Thromboplastin CL
<input type="checkbox"/>	DIPT Dialab PT	<input type="checkbox"/>	DTI Siemens/Dade Thromborel IS
<input type="checkbox"/>	DIDP DiaMed DiaPlastin	<input type="checkbox"/>	DTS Siemens/Dade Thromborel S
<input type="checkbox"/>	DUDP Dutch Diagnostics PT	<input type="checkbox"/>	SPP Spinreact PT
<input type="checkbox"/>	ETB Eliitech TB Plastine	<input type="checkbox"/>	STH STA Hepato Quick
<input type="checkbox"/>	EXT Exbio Prothrombin time - PT, Quick test	<input type="checkbox"/>	STNC Stago Neoplastin CI
<input type="checkbox"/>	FSTS Futura System Thromboplastin S	<input type="checkbox"/>	STNCP Stago Neoplastin CI Plus
<input type="checkbox"/>	GEHPT Gernon Hemoplastin PT	<input type="checkbox"/>	STNR Stago Neoplastin R
<input type="checkbox"/>	GDGP Grifols DG-PT	<input type="checkbox"/>	STSP Stago SPA
<input type="checkbox"/>	HTP Helena Thromboplastin	<input type="checkbox"/>	TTPT Technoclone Technoplastin HIS
<input type="checkbox"/>	HTL Helena Thromboplastin LI	<input type="checkbox"/>	TSP Technology-Standard PT
<input type="checkbox"/>	HTM Helena Thromboplastin M1	<input type="checkbox"/>	TECPT Teco Teclot PT
<input type="checkbox"/>	IHR2 HemosIL PT- Fibrinog Recombiplastin 2G	<input type="checkbox"/>	TTS Teco TEClot PT-S
<input type="checkbox"/>	IHF HemosIL PT-Fibrinogen	<input type="checkbox"/>	BSE Trinity/Biomerieux Simplastin/PT Excel
<input type="checkbox"/>	IHFH HemosIL PT-Fibrinogen HS	<input type="checkbox"/>	TBTP Trinity/Biomerieux Simplastin/PT Excel S
<input type="checkbox"/>	IHFHP HemosIL PT-Fibrinogen HS Plus	<input type="checkbox"/>	BSEH Trinity/Biomerieux Simplastin/PT HTF
<input type="checkbox"/>	IHFR HemosIL PT-Fibrinogen Recombinant	<input type="checkbox"/>	TBM Trinity/Biopool ThromboMAX
<input type="checkbox"/>	IHR HemosIL RecombiPlasTin	<input type="checkbox"/>	TBMH Trinity/Biopool ThromboMAX HS
<input type="checkbox"/>	HUT Human Thromboplastin	<input type="checkbox"/>	TBS Trinity/Biopool Thromboplastin S
<input type="checkbox"/>	LABP Labitec PT	<input type="checkbox"/>	TBSL Trinity/Biopool ThromboplastinSL
<input type="checkbox"/>	MIP Media IVD PT	<input type="checkbox"/>	TUU Tulip Uniplastin
<input type="checkbox"/>	MXO Medirox Owren's PT	<input type="checkbox"/>	VEP Vital Diagnostics ElectaLab PT
<input type="checkbox"/>	PHD Pacific Thromboplastin D	<input type="checkbox"/>	WS Weiner Lab Soluplastin
<input type="checkbox"/>	PHDL Pacific Thromboplastin DL		

UNITS: seconds RATIO INR % activity multiple units may be registered

TT-Thrombin Time

CODE	METHOD	CODE	METHOD
<input type="checkbox"/>	BKTT Bio-Ksel System TT	<input type="checkbox"/>	DT Siemens/Dade Thrombin
<input type="checkbox"/>	BF Biomerieux Fibriguik	<input type="checkbox"/>	DTC Siemens/Dade Thromboclotin
<input type="checkbox"/>	DGT Diagon, Dia-TT	<input type="checkbox"/>	STT Stago Thrombin
<input type="checkbox"/>	DLT Dialab TT	<input type="checkbox"/>	STTH Stago Thrombin (Heparin method)
<input type="checkbox"/>	DIT DiaMed DiaThrombin	<input type="checkbox"/>	SYT Sysmex Thrombin Time
<input type="checkbox"/>	GT Grifols DG-TT	<input type="checkbox"/>	TTC Teco TEClot
<input type="checkbox"/>	HTCT Helena Thrombin Clotting Time rgt	<input type="checkbox"/>	TBT Trinity/AMAX Thrombin
<input type="checkbox"/>	IHT HemosIL Thrombin Time	<input type="checkbox"/>	BT Trinity/Biomerieux Thromboquick/TT
<input type="checkbox"/>	HUTH Human - Hemostat	<input type="checkbox"/>	TBBT Trinity/Biopool Bovine Thrombin
<input type="checkbox"/>	DI Siemens/Dade Innovin	<input type="checkbox"/>	TBPH Trinity Biotech Triniclot PT HTF

UNITS: seconds