

RIQAS

RANDEX INTERNATIONAL QUALITY ASSESSMENT SCHEME

**METHOD QUESTIONNAIRE
IMMUNOASSAY SPECIALITY 1
RQ9141**

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 assays listed in this document. Quantitative results will be accepted on this programme.

INTRODUCTION

Method questionnaires are available for all routine RIQAS Programmes and are reviewed and updated every month, as indicated by the issue date at the bottom of every page. 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 before completing the enrolment document, which forms the basis of your registration and contract with RIQAS. 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. RIQAS Calendar dates and information about the RIQAS portfolio of products can be found at www.randox.com/external-quality-assessment.

REGISTRATION INSTRUCTIONS

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.

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 Randox website (www.randox.com/external-quality-assessment). 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.

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

ENROLMENT DOCUMENT:- To be returned to RIQAS

Please be aware that it may take up to 3 weeks to process enrolment documents if you are not entering your own assay details. When registering RIQAS enrolment documents, it is recommended that you state business contact details, rather than personal.

A. LABORATORY REFERENCE NUMBER

On receipt of an enrolment document, 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. Please quote this number on all correspondence with RIQAS.

B. GROUP REPORTS AND MULTIPLE REGISTRATIONS

Assessment of the same parameters on multiple systems - It is possible to enrol multiple instruments within your laboratory, up to five instruments per programme (volume permitting) can be added at no extra cost for comparative performance assessment. Kindly complete separate enrolment documents for each instrument clearly identifying each instrument in the box provided. 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.

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. PRIMARY CONTACT DETAILS

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

Please inform RIQAS of any change to contact details as soon as possible.

E. RIQASNet

RIQASNet is a web-based online method for result entry / method changes and additions of parameters / viewing of released reports. To access RIQASNet go to www.riqas.net. Internet access and login details are required for RIQASNet and Adobe Reader is required for viewing reports. Your initial login information and password will be supplied by RIQAS. Once you have logged in for the first time you will be able to change your RIQASNet password. If you forget your password please follow the 'Forgotten Password' link. 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 are sent as PDF files. These files can be sent to up to 3 email addresses. Adobe Reader is required to view the reports. The email addresses to which reports are sent can be reviewed and changed on RIQASNet.

G. SUMMARY CSV FILES

Labs can register to receive a csv file which contains a summary of your routine report statistics and performance indicators. This file mirrors the information found on the summary page of your report, except that we have included the calculated SD, SDPA and z-score. Also the PERFORMANCE column will show * in place of the red triangle usually shown on the summary page of your routine report. This can be sent to the 3 email addresses registered to receive the pdf reports. If you wish to receive a summary csv file please indicate this by ticking the box on the enrolment document and include the email addresses to which the reports should be sent. CSV files are also available for Instrument and Inter-Laboratory group reports. Please contact RIQAS for further information.

H. CUSTOMER DECLARATION

The declaration indicates that by submitting your enrolment document to RIQAS, either directly or via your local Randox representative, you have read and understood the RIQAS policies stated in the most recent Method Questionnaire associated with this programme. You understand that the submission of your enrolment document to RIQAS marks the beginning of an on-going agreement, and you will be automatically enrolled in subsequent cycles of this programme until we receive written confirmation of your cancellation. This should be received 12 weeks prior to the month in which the cycle starts. You understand that you must inform RIQAS of any changes to your contact details, assay details or contract status. You authorise Randox Laboratories Ltd. to send communication related to the products and service provided to the e-mail or postal addresses stated on your submitted enrolment document. You understand that you are permitted to request disclosure of, change or erase personal details held by Randox Laboratories Ltd. at any time. Note: Method questionnaires are updated every month and the issue date is stated on every questionnaire and enrolment document.

I. REGISTRATION OF ASSAY DETAILS

Labs can register their assay details using RIQASNet or can complete the 'Registration of Assay Details' section of the enrolment document. Labs should tick the appropriate box under the 'Registration of Assay Details' section of the enrolment document. If a lab wishes RIQAS to register their assay details, they should complete the Registration of Assay Details section using the codes from this method questionnaire and the Instrument/Reagent Supplier Book.

Once a participant has registered they will receive an email containing their RIQASNet login information. Once you have successfully logged in to RIQASNet you will see your various laboratory reference numbers for each registered programme. If you have opted to add parameters/assay details using RIQASNet, please do so as soon as possible (see below).

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 or follow the instructions on RIQASNet.

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.

J. UPDATING ASSAY DETAILS

It is possible to change your unit, method, instrument or reagent classification during a cycle.

Method Changes via RIQASNet: These can be made in the Assay Details 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. 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 RIQASNet but will be uploaded onto RIQASNet usually within 3 working days. It is possible to submit results and method changes together as method changes will be made before results are entered in to the RIQAS database.

K. ADDITION OF PARAMETERS / ASSAY DETAILS

Adding Parameters via RIQASNet: Parameters can be added using the Assay Details 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 add the assay details. At the top of the screen is 'Add Parameter'. Click on this and a list of parameters you are not registered for will appear. Select the parameter you wish to add and click the arrow box on the appropriate details and select your assay details. Save the changes and submit them to RIQAS. As above, additions will be available on RIQASNet usually within 3 working days.

ORDERING RIQAS PRODUCTS

Please ensure your purchase order for each cycle is placed with your local Randox representative 12 weeks prior to the month in which 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 12 weeks of the start of the cycle will be processed with an additional administration fee. 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 RIQASNet please access your account and download the relevant Instructions For Use (IFU) document for the programme and cycle purchased. The IFU includes material characteristics, preparation, stability, storage and safety information. On receipt of your RIQAS kit, please check that:

- a) it is the product you ordered
- b) the correct number of samples are present as indicated on the IFU
- c) 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. **These are available on RIQASNet only.** 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. Results are submitted via RIQASNet, which can be accessed once you have received log in details via email. This will include a link to RIQASNet Instructions for Use.

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. RIQAS policies must ensure that a laboratory is unaware of RIQAS means for comparison before submitting their own results. Where a result is not submitted by the final date, a report will be issued, but the missing results will be indicated as "No return" or "N" throughout the RIQAS reports. RIQAS permits the submission of late or corrected results only under the circumstances described below. Requests for the submission of late or corrected results must be submitted in writing and in English on RIQAS Form No. 9277-RQ (either by the participant or their local Randox Representative) and must be approved by RIQAS Management. The form is available on www.riqas.net.

Requests for the submission of late results must be accompanied by evidence that an error has been made, and that the error has not been caused by the participant.

Requests for the correction or removal of erroneous results must be accompanied by evidence that the error was non-analytical, as defined on form 9277-RQ. RIQAS is obliged to inform country-specific regulatory bodies of requests for correction of results (if they request such information for laboratory monitoring purposes).

New reports will be re-issued for late or corrected results only where there has been an error made by Randox Laboratories HQ, Randox representatives or distributors.

LATE RESULTS

In general, late results will not be accepted after the final date.

Late results will only be accepted where there has been an error made by Randox Laboratories HQ, Randox representatives or distributors.

CORRECTED RESULTS

Laboratories may correct results only if it can be determined that the error was non-analytical and where the request for submission is within 4 weeks of the original final date. A laboratory may correct a result under the following circumstances:

- Reconstituting a sample in an incorrect volume before analysis
- Assaying and/or submitting the results for the wrong sample
- Making a transcription error - submission of an analyser print-out indicating that the analysis date was before the final date is required.

DESPATCH OF REPORTS

PDF reports will be emailed within 72 hours of the FINAL DATE and for those registered for RIQASNet the PDF reports will be available on RIQASNet shortly after.

END OF CYCLE REPORTS

At the end of a cycle, a summary report will be issued to all participants. This includes a summary page for each parameter, an Average Absolute SDI report and a Certificate of Acceptable performance (see below).

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. Information regarding the format of RIQAS Reports and the monitoring of EQA performance can be found in the RIQAS Brochure at www.randox.com/external-quality-assessment. Information regarding the calculations and scores used to evaluate participants' performance on RIQAS Reports can be found following log in to RIQASNet, in a document entitled "Evaluation of Performance".

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 regulatory authorities 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.

GENERAL DATA PROTECTION REGULATION 2018 & UK DATA PROTECTION ACT 2018

Randox Laboratories Ltd. complies with GDPR and the UK Data Protection Act and holds the minimum information required to maintain the contract with RIQAS customers. Contact details are required in order to effectively provide you with the RIQAS products and services. Participants are not under any obligation to provide personal information to enter into a contract with RIQAS. We recommend that business contact details are provided. All data associated with the provision of RIQAS is collated, stored and processed confidentially and securely, to avoid unlawful processing, accidental loss or damage.

CERTIFICATES OF PARTICIPATION

Complimentary certificates of participation for each RIQAS programme are made available on RIQASNet to participants at the **end of the current cycle**, provided that **at least 50%** of results have been returned. Participants who enrol mid-cycle will be eligible for a Certificate for Participation if they have participated in at least 50% of samples available for the remainder of the cycle since enrolment. The certificate will specify the cycle, programme and the LABORATORY / HOSPITAL NAME which is detailed in the certificate section of RIQASNet. At the end of a cycle, a list of all eligible labs will be exported from RIQASNet and certificates will be created according to these details. Please ensure all certificate details are up to date in your RIQASNet account.

CERTIFICATE OF ACCEPTABLE PERFORMANCE

Participants are also provided with a Certificate of Acceptable Performance within their End-of-Cycle report. Acceptable performance is considered to be a Cycle Average Absolute SDI of less than 2. While all participants receive an end-of-cycle report, participants (including those who enrol mid-cycle) are only eligible for Certificates of Performance if they have returned more than half of the samples in a full cycle.

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, COMPLAINTS & APPEALS

In order to ensure that RIQAS provides an appropriate and satisfying service, participants are invited to complete a feedback survey on RIQASNet. You may 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 raise requests or enquiries through correspondence with the local Randox Laboratories representative or by contacting RIQAS directly. Participants may appeal against the evaluation of their performance by completing a PARTICIPANT APPEALS FORM, 10770-RQ. Participants may raise a complaint in relation to the product or service provided by completing the PARTICIPANT COMPLAINTS FORM, 10772-RQ. These forms are available on RIQASNet, or on request from RIQAS.

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.

COMMUNICATION

As part of the service provided by Randox Laboratories Ltd., participants may be contacted by e-mail regarding updates and new products, in line with Randox Laboratories Ltd. privacy policy, as stated in www.randox.com.

Please contact RIQAS at

Tel: +44 (0) 28 9445 4399

E-Mail mail@riqas.com

RIQAS Scheme Co-ordinator: Sally Picton

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

THIS PROGRAMME IS ACCREDITED BY UKAS TO
ISO/IEC 17043:2010



RQ9141 - IMMUNOASSAY SPECIALITY 1

METHOD QUESTIONNAIRE

Anti-TG (kU/l)

CODE	METHOD
ATGARC	<input type="checkbox"/> Abbott Architect/ Alinity
ATGABX	<input type="checkbox"/> Abbott Axsym
ATGAEA	<input type="checkbox"/> Aida EIA
ATGAKE	<input type="checkbox"/> Aesku Diagnostics ELISA
ATGABC	<input type="checkbox"/> Autobio CLIA
ATGSAN	<input type="checkbox"/> Beckman Access/LXi725
ATGDXI	<input type="checkbox"/> Beckman Dxl 600/800
ATGBDX9	<input type="checkbox"/> Beckman Dxl 9000
ATGBHR	<input type="checkbox"/> Biocode Hycel RIA
ATGBIV	<input type="checkbox"/> Biomerieux Vidas
ATGBRR	<input type="checkbox"/> Brahms RIA
ATGBRK	<input type="checkbox"/> Brahms Kryptor
ATGCDG	<input type="checkbox"/> CDG Q-Strip
ATGCIR	<input type="checkbox"/> CIS RIA
ATGDME	<input type="checkbox"/> DiaMetra ELISA
ATGLIA	<input type="checkbox"/> DiaSorin Liaison
ATGLIX	<input type="checkbox"/> DiaSorin Liaison XL
ATGBYK	<input type="checkbox"/> DiaSorin RIA
ATGDCH	<input type="checkbox"/> Diesse Chorus
ATGDRC	<input type="checkbox"/> DIRUI CM Series
ATGEUE	<input type="checkbox"/> Euroimmun ELISA
ATGFJL	<input type="checkbox"/> Fujirebio Lumipulse G Series
ATGHUE	<input type="checkbox"/> Human ELISA
ATGHYE	<input type="checkbox"/> Hycor ELISA
ATGIEL	<input type="checkbox"/> Inova Microelisa
ATGIZR	<input type="checkbox"/> Izotop Anti hTG RIA KIT
ATGSLT	<input type="checkbox"/> Lifotronic eCL
ATGMAI	<input type="checkbox"/> Maccura I Series
ATGMME	<input type="checkbox"/> Medipan Medizym EIA
ATGMC2	<input type="checkbox"/> Mindray CL 8000i/6000i/2000i/1200i/1000i
ATGMC3	<input type="checkbox"/> Mindray CL 900i
ATGORA	<input type="checkbox"/> Orgentec Alegria
ATGDEL	<input type="checkbox"/> Perkin Elmer DELFIA Xpress/AutoDELFIA
ATGPHU	<input type="checkbox"/> Phadia/ImmunoCAP 100/250
ATGPHE	<input type="checkbox"/> Phadia ELISA
ATGEVE	<input type="checkbox"/> Randox Evolution
ATGRCE	<input type="checkbox"/> Roche Cobas 4000 / e411
ATGC6	<input type="checkbox"/> Roche Cobas e601/602
ATGE8	<input type="checkbox"/> Roche Cobas e402/e801
ATGEYS	<input type="checkbox"/> Roche Elecsys
ATGRME	<input type="checkbox"/> Roche Modular E170
ATGSNM	<input type="checkbox"/> SNIBE Maglumi analysers
ATGSNM2	<input type="checkbox"/> SNIBE Maglumi analysers II
ATGSRR	<input type="checkbox"/> SEAC Radim RIA CT
ATGSPA	<input type="checkbox"/> Serodia Particle Agglutination
ATGSAI	<input type="checkbox"/> Siemens Atellica IM
ATGSA2	<input type="checkbox"/> Siemens Atellica IM aTgII
ATGCEN	<input type="checkbox"/> Siemens Centaur
ATGCE2	<input type="checkbox"/> Siemens Centaur aTgII
ATGDPI	<input type="checkbox"/> Siemens/DPC Immulite 1000
ATGDP2	<input type="checkbox"/> Siemens/DPC Immulite 2000/2500
ATGTOC	<input type="checkbox"/> TOSOH AIA CL-Series
ATGTOS	<input type="checkbox"/> TOSOH AIA Series
ATGZER	<input type="checkbox"/> ZenTech RIA

Other methods, please specify on enrolment document

INSTRUMENT CODE	<input type="text"/>
REAGENT CODE	<input type="text"/>
OTHER UNITS, SPECIFY	<input type="text"/>

RQ9141 - IMMUNOASSAY SPECIALITY 1

METHOD QUESTIONNAIRE

Anti-TPO (kU/l)

CODE	METHOD
ATPARC	Abbott Architect/ Alinity
ATPABX	Abbott Axsym
ATPAEA	Aida EIA
ATPAKE	Aesku Diagnostics ELISA
ATPABC	Autobio CLIA
ATPSAN	Beckman Access/LXi725
ATPDXI	Beckman Dxl 600/800
ATPBDX9	Beckman Dxl 9000
ATPBIV	Biomerieux Vidas
ATPBRR	Brahms RIA
ATPBRK	Brahms Kryptor
ATPCDG	CDG Q-Strip
ATPCIR	CIS RIA
ATPLIA	DiaSorin Liaison
ATPLIX	DiaSorin Liaison XL
ATPBYK	DiaSorin RIA
ATPDCH	Diesse Chorus
ATPDRC	DIRUI CM Series
ATPEPE	Epitope Diagnostics ELISA
ATPEUE	Euroimmun ELISA
ATPFJL	Fujirebio Lumipulse G Series
ATPHYE	Hycor ELISA
ATPIEL	Inova Microelisa
ATPIZER	Izotop Anti hTPO RIA KIT
ATPSLT	Lifotronic eCL
ATPMAI	Maccura I Series
ATPMME	Medipan Medizym EIA
ATPMC2	Mindray 8000i/6000i/2000i/1200i/1000i
ATPMC3	Mindray CL900i
ATPORA	Orgentec Alegria
ATPDEL	Perkin Elmer DELFIA Xpress/AutoDELFIA
ATPPHU	Phadia/ImmunoCAP 100/250
ATPPHE	Phadia ELISA
ATPEVE	Randox Evolution
ATPRCE	Roche Cobas 4000 / e411
ATPC6	Roche Cobas e601 / 602
ATPC8	Roche Cobas e402/e801
ATPRME	Roche Modular E170
ATPEYS	Roche Elecsys
ATPSRR	SEAC Radim RIA CT
ATPSAI	Siemens Atellica IM
ATPSAI2	Siemens Atellica IM (aTPOII)
ATPCEN	Siemens Centaur
ATPCEN2	Siemens Centaur (aTPOII)
ATPDPI	Siemens/DPC Immulite 1000
ATPDP2	Siemens/DPC Immulite 2000/2500
ATPTOC	Tosoh AIA-CL Series
ATPTOS	Tosoh AIA Series
ATPZER	ZenTech RIA

Other methods, please specify on enrolment document

INSTRUMENT CODE

REAGENT CODE

OTHER UNITS, SPECIFY

RQ9141 - IMMUNOASSAY SPECIALITY 1

METHOD QUESTIONNAIRE

C-Peptide nmol/L

CODE	METHOD
<input type="checkbox"/> CPTARC	Abbott Architect/ Alinity
<input type="checkbox"/> CPTADR	Adaltis RIA
<input type="checkbox"/> CPABC	Autobio CLIA
<input type="checkbox"/> CPSAN	Beckman Access C-Peptide
<input type="checkbox"/> CPCDG	CDG Q-Strip
<input type="checkbox"/> CPTCIR	CIS RIA
<input type="checkbox"/> CPCII	CIS BIO IRMA
<input type="checkbox"/> CPTLIA	DiaSorin Liaison
<input type="checkbox"/> CPTLIX	DiaSorin Liaison XL
<input type="checkbox"/> CPTDIR	DIAsource RIA
<input type="checkbox"/> CPDRC	DIRUI CM Series
<input type="checkbox"/> CPTDRG	DRG ELISA
<input type="checkbox"/> CPTDSL	DSL RIA
<input type="checkbox"/> CPTFJL	Fujirebio Lumipulse G Series
<input type="checkbox"/> CPTILM	ILMA
<input type="checkbox"/> CPTIRM	Immunotech IRMA
<input type="checkbox"/> CPTMC2	Mindray CL 8000i/6000i/2000i/1200i/1000i
<input type="checkbox"/> CPTMC3	Mindray CL900i
<input type="checkbox"/> CPTMOE	Monobind Inc. ELISA
<input type="checkbox"/> CPTVEC	Ortho Vitros 3600/5600/ECi/XT 7600
<input type="checkbox"/> CPTRAA	Radim Alisei
<input type="checkbox"/> CPTRAD	RADIM RIA
<input type="checkbox"/> CPTEV	Randox Evidence / Investigator
<input type="checkbox"/> CPTRCE	Roche Cobas 4000 / e411
<input type="checkbox"/> CPTC6	Roche Cobas e601/602
<input type="checkbox"/> CPT8	Roche Cobas e402/e801
<input type="checkbox"/> CPTRME	Roche Modular E170
<input type="checkbox"/> CPTSYS	Roche Elecsys
<input type="checkbox"/> CPSAI	Siemens Atellica IM
<input type="checkbox"/> CPSA12	Siemens Atel IM (Rgt lot 207 & cal lot 09&up)
<input type="checkbox"/> CPTCEN	Siemens Centaur
<input type="checkbox"/> CPCEN2	Siemens Cen (Rgt lot 206 & cal lot 08&up)
<input type="checkbox"/> CPTDPI	Siemens/DPC Immulite 1000
<input type="checkbox"/> CPTDP2	Siemens/DPC Immulite 2000/2500
<input type="checkbox"/> CPTTOS	Tosoh AIA Series
<input type="checkbox"/> CPTTOC	Tosoh AIA-CL Series
<input type="checkbox"/> CPVBE	Vector Best ELISA
<input type="checkbox"/> CPC2	Wantai Caris 200
<input type="checkbox"/> CPW2	Wantai Wan200+

Other methods, please specify on enrolment document

INSTRUMENT CODE	<input type="text"/>
REAGENT CODE	<input type="text"/>
OTHER UNITS, SPECIFY	<input type="text"/>

IGF-1 ug/l

CODE	METHOD
<input type="checkbox"/> IGFABC	Autobio CLIA
<input type="checkbox"/> IGFBCR	Bioclone RIA
<input type="checkbox"/> IGFCIS	CIS IRMA
<input type="checkbox"/> IGFCIR	CIS RIA
<input type="checkbox"/> IGFDM	DiaMetra ELISA
<input type="checkbox"/> IGFLIA	DiaSorin Liaison
<input type="checkbox"/> IGFLIX	DiaSorin Liaison XL
<input type="checkbox"/> IFGDIE	DIAsource ELISA
<input type="checkbox"/> IGFDIR	DIAsource RIA
<input type="checkbox"/> IGFDRG	DRG ELISA
<input type="checkbox"/> IGFDS	DSL ELISA
<input type="checkbox"/> IGFDSI	DSL IRMA
<input type="checkbox"/> IGFDSL	DSL RIA
<input type="checkbox"/> IGFI	IBL ELISA
<input type="checkbox"/> IGFI	IDS ELISA
<input type="checkbox"/> IGFI	IDS CLIA
<input type="checkbox"/> IGFI	IDS IRMA
<input type="checkbox"/> IGFI	Immunotech IRMA
<input type="checkbox"/> IGFI	Invitrogen Biosource ELISA
<input type="checkbox"/> IGFMDE	Mediagnost IGF-1 ELISA
<input type="checkbox"/> IGFP	Phoenix Airmid ELISA
<input type="checkbox"/> IGFRCE	Roche Cobas 4000 / e411
<input type="checkbox"/> IGFC6	Roche Cobas 6000 / 8000
<input type="checkbox"/> IGF	Roche Modular E170
<input type="checkbox"/> IGFEYS	Roche Elecsys
<input type="checkbox"/> IGFDPI	Siemens/DPC Immulite 1000
<input type="checkbox"/> IGFDPII	Siemens/DPC Immulite 1000 Re-std
<input type="checkbox"/> IGFD	Siemens/DPC Immulite 2000/2500
<input type="checkbox"/> IGFD	Siemens/DPC Immulite 2000/2500 Re-std
<input type="checkbox"/> IGFSNB	SNIBE Maglumi Analysers

Other methods, please specify on enrolment document

INSTRUMENT CODE	<input type="text"/>
REAGENT CODE	<input type="text"/>
OTHER UNITS, SPECIFY	<input type="text"/>

RQ9141 - IMMUNOASSAY SPECIALITY 1

METHOD QUESTIONNAIRE

Insulin uU/ml

CODE	METHOD
INAAI	<input type="checkbox"/> Abbott Alinity I
INARC	<input type="checkbox"/> Abbott Architect
INABX	<input type="checkbox"/> Abbott AxSym
INABB	<input type="checkbox"/> Abbott Imx
INAPE	<input type="checkbox"/> Alfa Prime ELISA
INABC	<input type="checkbox"/> Autobio CLIA
INSAN	<input type="checkbox"/> Beckman Access/LXi725
INDXI	<input type="checkbox"/> Beckman Dxl 600/800
INBIG	<input type="checkbox"/> Biosource Gamma counter
INCBE	<input type="checkbox"/> Calbiotech ELISA
INCDG	<input type="checkbox"/> CDG Q-Strip
INCIS	<input type="checkbox"/> CIS IRMA
INCIR	<input type="checkbox"/> CIS RIA coated blue
INCLI	<input type="checkbox"/> Clinipro ELISA
INDAE	<input type="checkbox"/> Diagnostic Automation ELISA
INLIA	<input type="checkbox"/> Diasorin Liaison
INLIX	<input type="checkbox"/> Diasorin Liaison XL
INDIA	<input type="checkbox"/> Diasource IRMA
INDRC	<input type="checkbox"/> DIRUI CM Series
INELI	<input type="checkbox"/> ELISA
INFJL	<input type="checkbox"/> Fujirebio Lumipulse G Series
INIMI	<input type="checkbox"/> Immunotech IRMA
INIVL	<input type="checkbox"/> Invitron Luminescence
INIZG	<input type="checkbox"/> Izotop Gamma Counter
INSLT	<input type="checkbox"/> Lifotronic eCL
INLIR	<input type="checkbox"/> Linco RIA
INMC2	<input type="checkbox"/> Mindray CL 8000i/6000i/2000i/1200i/1000i
INMC3	<input type="checkbox"/> Mindray CL 900i
INMOE	<input type="checkbox"/> Monobind Inc. ELISA
INNOV	<input type="checkbox"/> Novatec ELISA
INVEC	<input type="checkbox"/> Ortho Vitros 3600/5600/ECi/XT 7600
INDEL	<input type="checkbox"/> Perkin Elmer DELFIA
INWW	<input type="checkbox"/> Perkin Elmer Wizard
INRAA	<input type="checkbox"/> Radim Alisei
INC6	<input type="checkbox"/> Roche Cobas 6000 / 8000
INRCE	<input type="checkbox"/> Roche Cobas 4000 / e411
INEYS	<input type="checkbox"/> Roche Elecsys
INRME	<input type="checkbox"/> Roche Modular E170
INSAI	<input type="checkbox"/> Siemens Atellica IM
INCC	<input type="checkbox"/> Siemens/Bayer ACS 180
INCEN	<input type="checkbox"/> Siemens Centaur
INDPC	<input type="checkbox"/> Siemens/DPC Coat-a-count
INDPI	<input type="checkbox"/> Siemens/DPC Immulite 1000
INDP2	<input type="checkbox"/> Siemens/DPC Immulite 2000
INDP5	<input type="checkbox"/> Siemens/DPC Immulite 2500
INSF	<input type="checkbox"/> Stat Fax Elisa Readers
INTOS	<input type="checkbox"/> Tosoh AIA Series
INTOC	<input type="checkbox"/> Tosoh AIA-CL Series

Other methods, please specify on enrolment document

INSTRUMENT CODE

REAGENT CODE

OTHER UNITS, SPECIFY

Osteocalcin ug/l

CODE	METHOD
OSTABC	<input type="checkbox"/> Autobio CLIA
OSTBRR	<input type="checkbox"/> Brahms Kryptor
OSTCIR	<input type="checkbox"/> CIS RIA
OSTLIA	<input type="checkbox"/> DiaSorin Liaison
OSTLIX	<input type="checkbox"/> DiaSorin Liaison XL
OSTDIA	<input type="checkbox"/> DiaSource ELISA
OSTDII	<input type="checkbox"/> DiaSource IRMA
OSTDRC	<input type="checkbox"/> DIRUI CM Series
OSTDRG	<input type="checkbox"/> DRG ELISA
OSTIDC	<input type="checkbox"/> IDS CLIA
OSTIDE	<input type="checkbox"/> ImmunoDiagnostic Systems ELISA
OSTMBE	<input type="checkbox"/> Metra Biosystems Inc. ELISA
OSTMVE	<input type="checkbox"/> MicroVue ELISA
OSTRCE	<input type="checkbox"/> Roche Cobas 4000 / e411
OSTC6	<input type="checkbox"/> Roche Cobas 6000 / 8000
OSTRME	<input type="checkbox"/> Roche Modular E170
OSTEYS	<input type="checkbox"/> Roche Elecsys
OSTDPI	<input type="checkbox"/> Siemens/DPC Immulite 1000
OSTDP2	<input type="checkbox"/> Siemens/DPC Immulite 2000/2500
OSTSNM	<input type="checkbox"/> SNIBE Maglumi analysers

Other methods, please specify on enrolment document

INSTRUMENT CODE

REAGENT CODE

OTHER UNITS, SPECIFY

RQ9141 - IMMUNOASSAY SPECIALITY 1

METHOD QUESTIONNAIRE

Procalcitonin ug/l

CODE	METHOD
PCTAAI	<input type="checkbox"/> Abbott Alinity
PCTARC	<input type="checkbox"/> Abbott Architect
PCTABC	<input type="checkbox"/> Autobio CLIA
PCTSAN	<input type="checkbox"/> Beckman Access PCT
PCTBDX9	<input type="checkbox"/> Beckman Dxl 9000
PCTDXI	<input type="checkbox"/> Beckman Dxl 600/800
PCTBHM	<input type="checkbox"/> Beijing Hotgen MQ60
PCTBIV	<input type="checkbox"/> bioMerieux Vidas
PCTBIZ	<input type="checkbox"/> Biozek PCT Fast Test
PCTBMI	<input type="checkbox"/> Boditech ichroma
PCTBRR	<input type="checkbox"/> Brahms Kryptor
PCTCDG	<input type="checkbox"/> CDG Q-Strip
PCTLIA	<input type="checkbox"/> DiaSorin Liaison
PCTLI2	<input type="checkbox"/> DiaSorin Liaison Brahms PCT II Gen
PCTLIX	<input type="checkbox"/> DiaSorin Liaison XL
PCTLX2	<input type="checkbox"/> DiaSorin Liaison XL Brahms PCT II Gen
PCTDIA	<input type="checkbox"/> Diazyme/Beckman PCT
PCTDRC	<input type="checkbox"/> DIRUI CM Series
PCTDRG	<input type="checkbox"/> DRG ELISA
PCTERT	<input type="checkbox"/> EDAN Rapid Test
PCTEYH	<input type="checkbox"/> ET Healthcare Pylon IRIS
PCTFIA	<input type="checkbox"/> Fineware FIA
PCTFJL	<input type="checkbox"/> Fujirebio Lumipulse G Series
PCTGFT	<input type="checkbox"/> Getein Fast Test Kit
PCTGF8	<input type="checkbox"/> Getein FIA8000 PCT
PCTSLT	<input type="checkbox"/> Lifotronic eCL
PCTMAI	<input type="checkbox"/> Maccura I Series
PCTMIP	<input type="checkbox"/> Micropoint PCT
PCTMC2	<input type="checkbox"/> Mindray CL 8000i/6000i/2000i/1200i/1000i
PCTMC3	<input type="checkbox"/> Mindray CL900i
PCTNBT	<input type="checkbox"/> Norman Biological Technology PCT
PCTVEC	<input type="checkbox"/> Orthro Vitros 3600/5600/ECi/XT 7600
PCTRAD	<input type="checkbox"/> Radiometer AQT90 Flex
PCTRAB	<input type="checkbox"/> RayBiotech ELISA
PCTE8	<input type="checkbox"/> Roche Cobas e402/e801
PCTRCE	<input type="checkbox"/> Roche Elecsys/Cobas/Modular
PCTSIB	<input type="checkbox"/> Samsung IB Brahms PCT
PCTSIR	<input type="checkbox"/> Shanghai I - Reader
PCTSYI	<input type="checkbox"/> Shenzhen YHLO iFlash Series
PCTSAI	<input type="checkbox"/> Siemens Atellica IM 10995651
PCTSA2	<input type="checkbox"/> Siemens Atellica IM 11202699
PCTCEN	<input type="checkbox"/> Siemens Centaur 10378883
PCTCE2	<input type="checkbox"/> Siemens Centaur 11202697
PCTSLB	<input type="checkbox"/> Siemens Dimension EXL LOCI BRAHMS
PCTSNM	<input type="checkbox"/> SNIBE Maglumi analysers
PCTSNM2	<input type="checkbox"/> SNIBE Maglumi analysers II
PCTSP	<input type="checkbox"/> Stanbio PCT
PCTSLEC	<input type="checkbox"/> Shenzhen Lifotronic eCL8000 eCLIA
PCTSYU	<input type="checkbox"/> Shenzhen YHLO Unicell PCT
PCTWED	<input type="checkbox"/> Wuhan EasyDiagnosis

Other methods, please specify on enrolment document

INSTRUMENT CODE

REAGENT CODE

OTHER UNITS, SPECIFY

RQ9141 - IMMUNOASSAY SPECIALITY 1

METHOD QUESTIONNAIRE

Parathyroid Hormone (PTH) pmol/l

CODE	METHOD
<input type="checkbox"/> PTHARC	Abbott Architect/ Alinity
<input type="checkbox"/> PTHABC	Autobio CLIA
<input type="checkbox"/> PTHSAN	Beckman Access/LXi725
<input type="checkbox"/> PTHDXI	Beckman Dxl 600/800
<input type="checkbox"/> PTHBLE	Bioline ELISA
<input type="checkbox"/> PTHBME	Biomerica ELISA
<input type="checkbox"/> PTHBIV	bioMerieux VIDAS PTH (1-84)
<input type="checkbox"/> PTHCIS	CIS IRMA
<input type="checkbox"/> PTHBYK	DiaSorin IRMA
<input type="checkbox"/> PTHLIA	DiaSorin Liaison 1-84 PTH
<input type="checkbox"/> PTHLIAN	DiaSorin Liaison N-TACT PTH II
<input type="checkbox"/> PTHLIX	DiaSorin Liaison XL 1-84 PTH
<input type="checkbox"/> PTHLIXN	DiaSorin Liaison XL N-TACT PTH II
<input type="checkbox"/> PTHDRG	DRG ELISA
<input type="checkbox"/> PTHDSI	DSL IRMA
<input type="checkbox"/> PTHFJL	Fujirebio Lumipulse G Series
<input type="checkbox"/> PTHIDS	IDS-iSYS PTH
<input type="checkbox"/> PTHSLT	Lifotronic eCL
<input type="checkbox"/> PTHMAI	Maccura I Series
<input type="checkbox"/> PTHMC2	Mindray CL 8000i/6000i/2000i/1200i/1000i
<input type="checkbox"/> PTHMC3	Mindray CL9001
<input type="checkbox"/> PTHVEC	Ortho Vitros 3600/5600/ECi/XT 7600
<input type="checkbox"/> PTHRCEB	Roche Cobas 4000 / e411 PTH (1-84)
<input type="checkbox"/> PTHRCE	Roche Cobas 4000 / e411 PTH
<input type="checkbox"/> PTHRCES	Roche Cobas 4000 / e411 PTH STAT
<input type="checkbox"/> PTHC6B	Roche Cobas e601/602 PTH (1-84)
<input type="checkbox"/> PTHC6	Roche Cobas e601/602 PTH
<input type="checkbox"/> PTHC6S	Roche Cobas e601/602 PTH STAT
<input type="checkbox"/> PTE8B	Roche Cobas e801 PTH (1-84)
<input type="checkbox"/> PTE8	Roche Cobas e801 PTH
<input type="checkbox"/> PTE8S	Roche Cobas e801 PTH STAT
<input type="checkbox"/> PTHEYSB	Roche Elecsys PTH (1-84)
<input type="checkbox"/> PTHEYS	Roche Elecsys PTH
<input type="checkbox"/> PTHEYSS	Roche Elecsys PTH STAT
<input type="checkbox"/> PTHRMEB	Roche Modular E170 PTH (1-84)
<input type="checkbox"/> PTHRME	Roche Modular E170 PTH
<input type="checkbox"/> PTHRMES	Roche Modular E170 PTH STAT
<input type="checkbox"/> PTHSCR	Scantibodies RIA
<input type="checkbox"/> PTHSAI	Siemens Atellica Solution
<input type="checkbox"/> PTHCEN	Siemens Centaur
<input type="checkbox"/> PTHDPI	Siemens/DPC Immulite 1000
<input type="checkbox"/> PTHDP2	Siemens/DPC Immulite 2000/2500
<input type="checkbox"/> PTHSNM	SNIBE Maglumi Analysers
<input type="checkbox"/> PHTOS	Tosoh AIA Series
<input type="checkbox"/> PHTOC	Tosoh AIA-CL Series

Other methods, please specify on enrolment document

INSTRUMENT CODE	<input type="text"/>
REAGENT CODE	<input type="text"/>
OTHER UNITS, SPECIFY	<input type="text"/>

RQ9141 - IMMUNOASSAY SPECIALITY 1

METHOD QUESTIONNAIRE

1-25-(OH)2-Vitamin D pmol/l (PILOT)

CODE	METHOD
VDLIA	<input type="checkbox"/> DiaSorin Liaison
VDLIX	<input type="checkbox"/> DiaSorin Liaison XL
VDBYK	<input type="checkbox"/> DiaSorin RIA
VDDIE	<input type="checkbox"/> DAsource, ELISA
VDDIR	<input type="checkbox"/> DAsource RIA
VDHPLC	<input type="checkbox"/> HPLC
VDIDE	<input type="checkbox"/> IDS ELISA
VDIDS	<input type="checkbox"/> IDS iSYS
VDIDR	<input type="checkbox"/> IDS RIA
VDEYS	<input type="checkbox"/> Roche Elecsys

Other methods, please specify on enrolment document

INSTRUMENT CODE	<input type="text"/>
REAGENT CODE	<input type="text"/>
OTHER UNITS, SPECIFY	<input type="text"/>

25-OH-Vitamin D nmol/l

CODE	METHOD
VDARC	<input type="checkbox"/> Abbott Architect (3L52)
VDARC2	<input type="checkbox"/> Abbott Architect (5P02)/ Alinity (8P45)
VDAPI	<input type="checkbox"/> Applied Biosystems API 4000
VDAMI	<input type="checkbox"/> Agappe Mispa i3
VDAIC	<input type="checkbox"/> Aptasys Indra CLIA
VDABC	<input type="checkbox"/> Autobio CLIA
VDSAN	<input type="checkbox"/> Beckman Access 25 OH Vitamin D Total
VDDXI	<input type="checkbox"/> Beckman Dxl 600 / 800
VDBIO	<input type="checkbox"/> Biohit Total 25 OH Vitamin D
VDBIV	<input type="checkbox"/> bioMerieux Vidas/mini Vidas/Vidas 3
VDCIR	<input type="checkbox"/> Chongqing ISIA 25hydroxy vitD rapid test
VDCDG	<input type="checkbox"/> CDG Q-Strip
VDLIA	<input type="checkbox"/> DiaSorin Liaison
VDLIX	<input type="checkbox"/> DiaSorin Liaison XL
VDBYK	<input type="checkbox"/> DiaSorin RIA
VDDIE	<input type="checkbox"/> DAsource ELISA
VDDIR	<input type="checkbox"/> DAsource RIA
VDDIA	<input type="checkbox"/> Diazyme Vitamin D
VDDRC	<input type="checkbox"/> DIRUI CM Series
VDDRG	<input type="checkbox"/> DRG ELISA
VDEUE	<input type="checkbox"/> Euroimmune ELISA
VDFJL	<input type="checkbox"/> Fujirebio Lumipulse G Series
VDHP	<input type="checkbox"/> HPLC
VDIBL	<input type="checkbox"/> IBL ELISA
VDIDE	<input type="checkbox"/> IDS ELISA
VDIDS	<input type="checkbox"/> IDS iSYS
VDIDR	<input type="checkbox"/> IDS RIA
VDLM	<input type="checkbox"/> LC/MS
VDSLTL	<input type="checkbox"/> Lifotronic eCL
VDMOE	<input type="checkbox"/> Monobind Inc. ELISA
VDMC2	<input type="checkbox"/> Mindray CL 8000i/6000i/2000i/1200i/1000i
VDMC3	<input type="checkbox"/> Mindray CL900i
VDORA	<input type="checkbox"/> Orgentec Alegria Elisa
VDVEC	<input type="checkbox"/> Ortho Vitros 3600/5600/ECi/XT 7600
VDEVE	<input type="checkbox"/> Randox Evolution
VDC6	<input type="checkbox"/> Roche Vitamin D Total
VDR2	<input type="checkbox"/> Roche Vitamin D Total II
VDE82	<input type="checkbox"/> Roche Vitmain D Total II e801
VDR3	<input type="checkbox"/> Roche Vitamin D Total III
VDE83	<input type="checkbox"/> Roche Vitmain D Total III e402/E803
VDSYI	<input type="checkbox"/> Shenzhen YHLO iFlash Series
VDSAI	<input type="checkbox"/> Siemens Atellica Solution
VDCEN	<input type="checkbox"/> Siemens Centaur
VDSDE	<input type="checkbox"/> Siemens Dimension EXL Vitamin D Total
VDSNM	<input type="checkbox"/> SNIBE Maglumi Analyser
VDTOS	<input type="checkbox"/> Tosoh AIA Series
VDTOC	<input type="checkbox"/> Tosoh AIA-CL Series
VDWXE	<input type="checkbox"/> Waters Quattro Premier XE

Other methods, please specify on enrolment document

INSTRUMENT CODE	<input type="text"/>
REAGENT CODE	<input type="text"/>
OTHER UNITS, SPECIFY	<input type="text"/>