RANDOX

USER MANUAL

RIQAS
POINT OF CARE

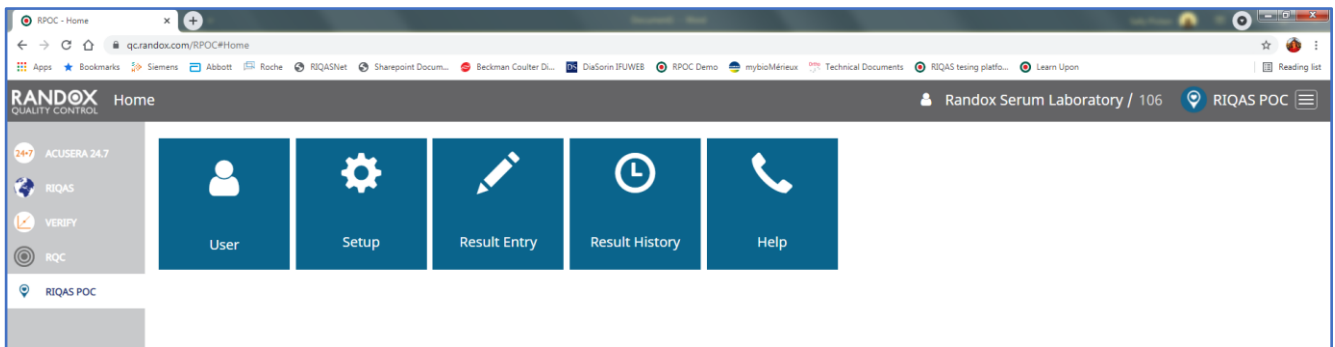**Table of Contents**

1.0. Logging In

To access the RIQAS Point of Care software, navigate to qc.randox.com. You will be presented with the log in screen.

Enter the username and password provided by RIQAS POC in the relevant fields and select the 'Log In' button. After logging into the software, you will be presented with the RIQAS Point of Care home screen.

Please Note: The first time you login into the software you will be prompted to set your password. Your password may be changed at any time. Please refer to section 6 for more information on changing your password.

2.0. Set Up
Before you can begin to enter EQA results each site must first setup the instrument(s) and panels in use. The initial setup step must be completed by the site administrator.

2.1. Instrument set up
From the RIQAS Point of Care home screen select the setup icon. You will be presented with the Site Details screen.

To add/setup a new instrument, using the setup menu in the blue section on the left hand side select 'instrument setup'. A list of previously added instruments will be displayed.
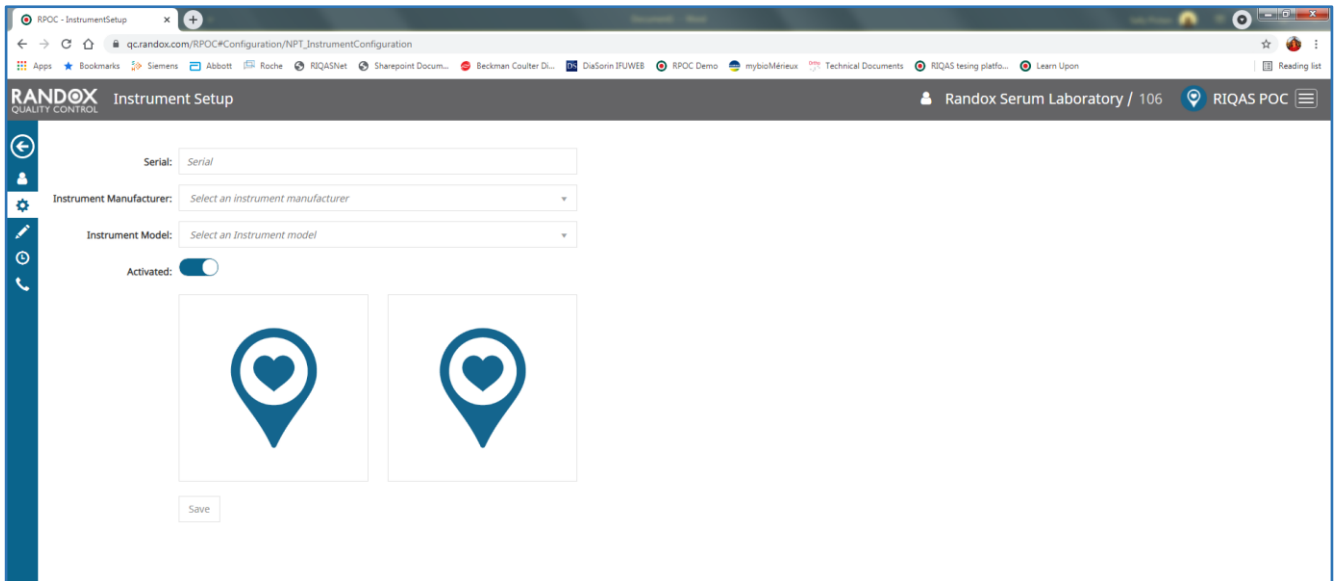

To add a new instrument, select the 'Add New' button. You will be presented with the following screen.

Enter the instruments unique serial number in the 'Serial' field. If the serial number is not known, a unique name may be assigned instead.

From the 'instrument manufacturer' drop down menu select the manufacturer of your instrument from the list provided. Alternatively, you can search for the instrument manufacturer by typing the name.

From the 'instrument model' drop down menu select the model of your instrument from the list provided. Alternatively, you can search for the instrument model simply by typing the model name.

Please Note: The deactivated slider should only be selected if you wish to deactivate an instrument that is no longer in use.

Based on your selections the logo of the instrument manufacturer and a picture of the instrument model will be displayed. Please check these images relate to the instrument currently in use.

Select the save button to complete the instrument set up.
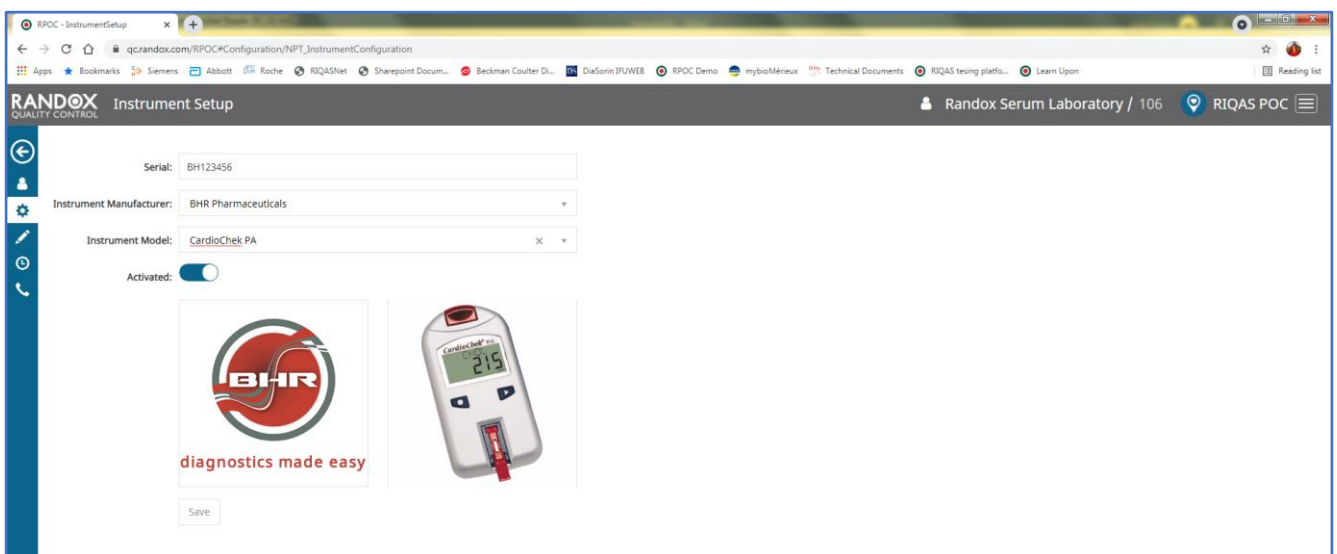
2.2. Panel Setup

Once the instrument(s) in use have been set up, the next step is to set up the panel(s) in use. To access the panel set up screen click on the setup icon on the home screen.

To add/setup a new panel, using the setup menu in the blue section on the left, select 'Panel Setup'. A list of previously added panels will be displayed.

To add a new panel, select the 'Add New' button. You will be presented with the following screen.
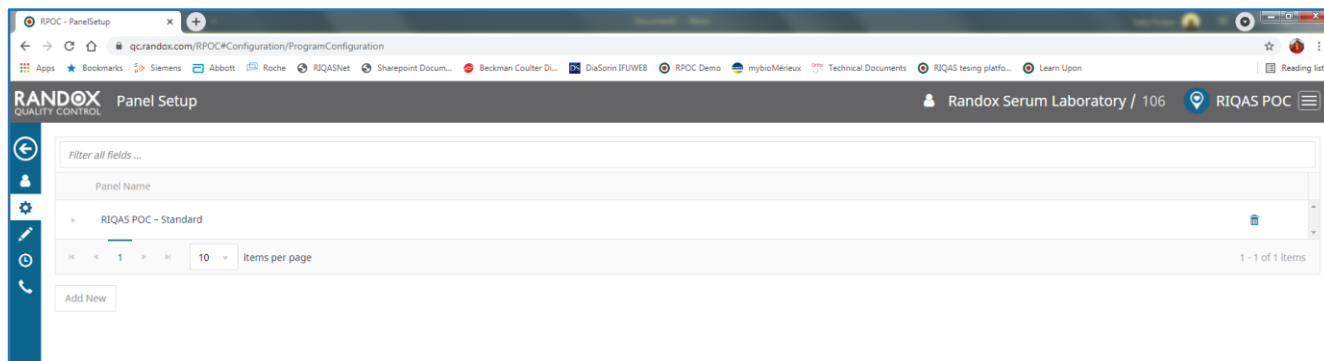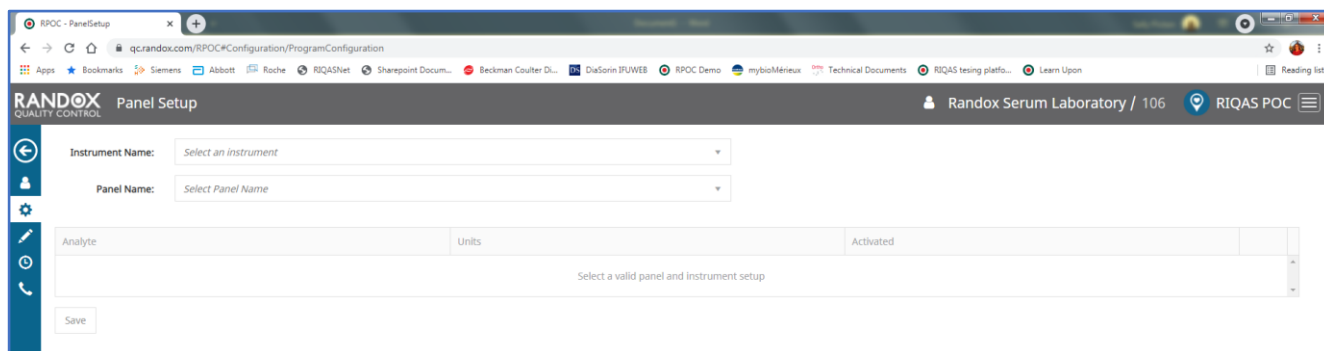

From the 'panel name' drop down menu select the panel in use from the list provided. Alternatively, you can search for the panel by typing the name.
From the 'instrument name' drop down menu select the serial number of the instrument used to test this panel from the list provided.

Please Note: Only instruments that have been previously setup will be displayed in this drop-down menu.

Based on your selections the table below will be populated with a list of analytes associated with the panel in use. Activate each of the tests in use at your site, using the slider next to the analyte name. If a panel is activated the colour will change to blue.

Select the save button to complete the panel set up.
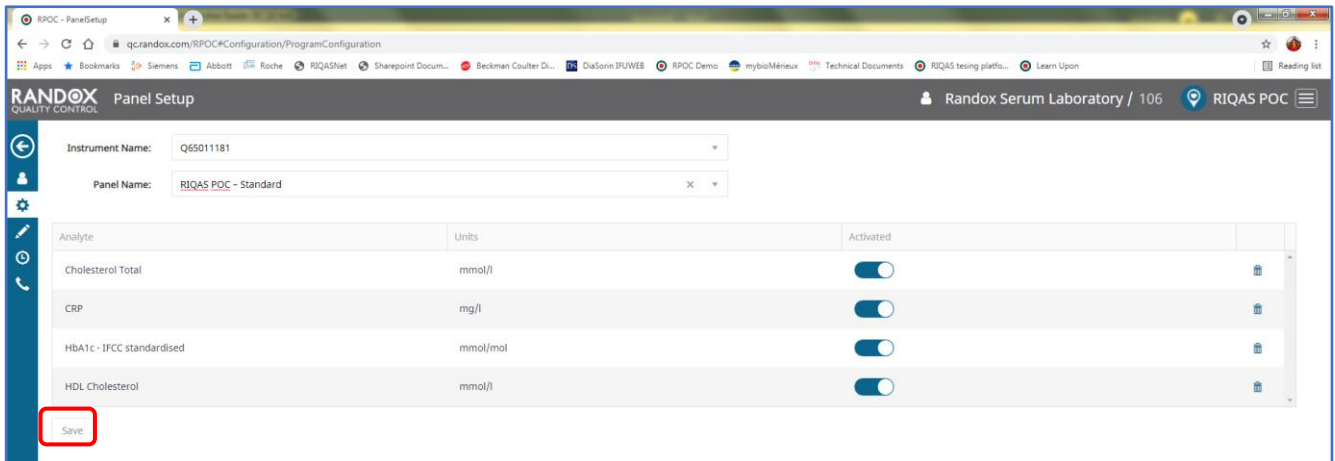
3.0. Result Entry

The result entry window will open upon receipt of your EQA sample each month.

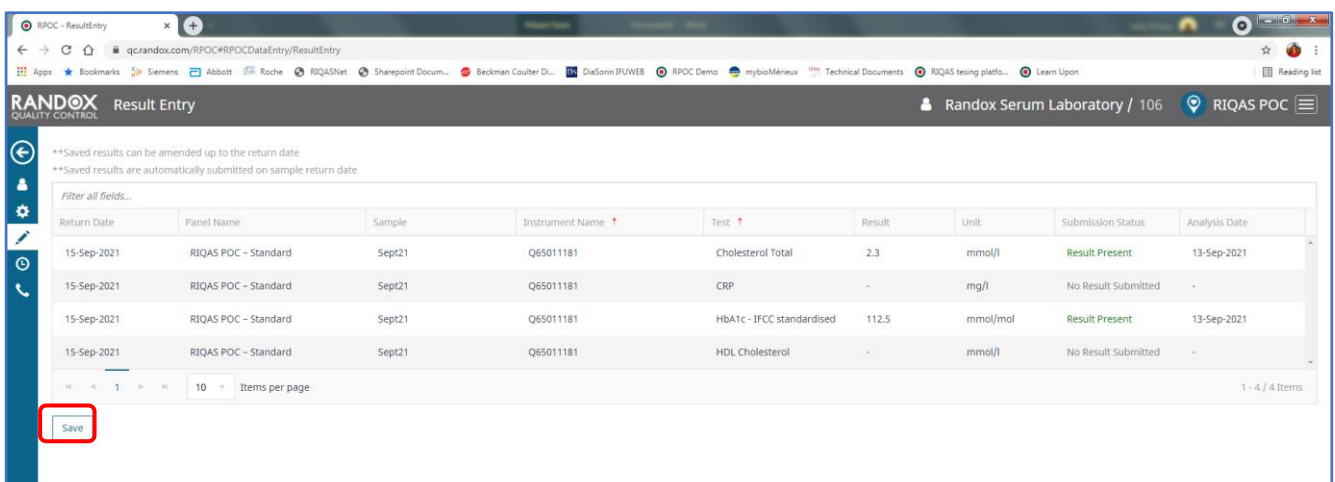To access the result entry screen, click on the result entry icon on the homepage. A table displaying the panel name, sample number, instrument serial number, test/analyte and return date will be displayed.

If a result has been entered the submission status will state 'result present' in green. If a result is yet to be entered the result status will state 'No Result Submitted'.

To enter a result, click in the result column next to the desired test and type in the obtained result for the EQA sample. Repeat this step for all tests. To save the results click on the save button. Upon clicking the save button the submission status will change to result present and the analysis date will populate automatically with the current date.
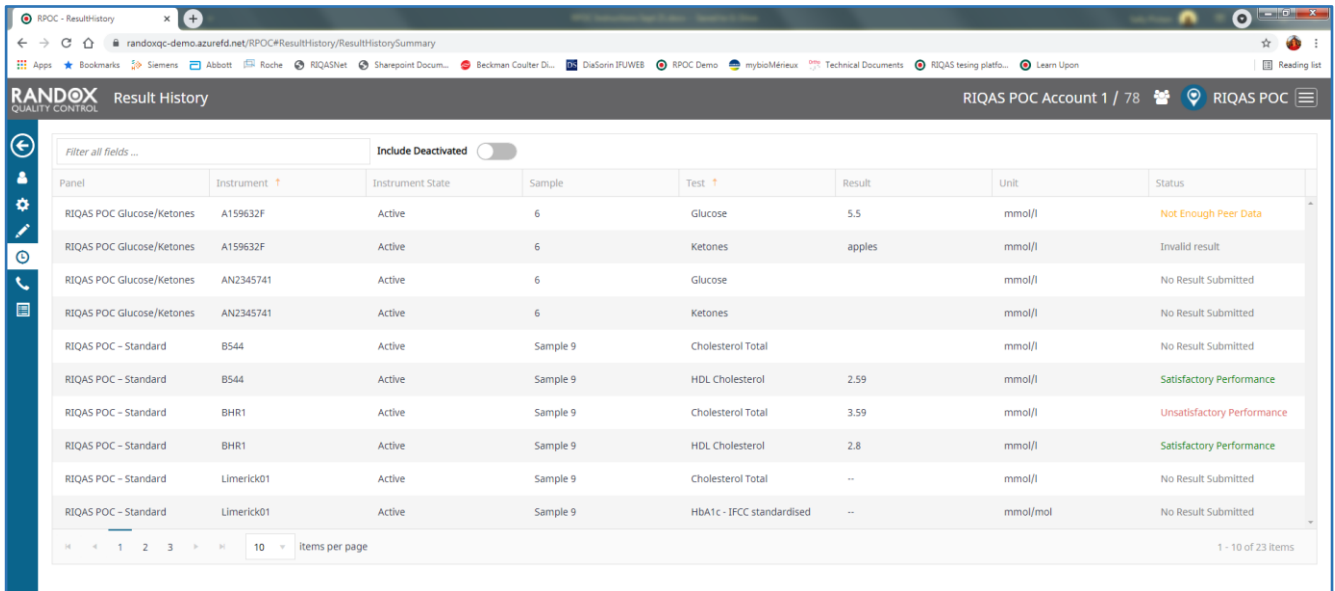
Please Note: in the event of a transcription error saved results can be amended up to the final return date. Saved results will automatically be submitted on the final return date.

4.0. Result History

EQA reports will be automatically generated after the result entry window has closed. The result entry window will close at midnight on the deadline date.

To access your EQA results click on the Result History icon on the home screen. An overview of results for the current sample will be displayed. Satisfactory performance is highlighted in green and Unsatisfactory Performance in red or if there are not enough results to make a peer group (Not Enough Peer Data). The status field will also indicate if a result hasn't been submitted or if a </> result has been entered.

4.1. Levey-Jennings Charts / Scatter Graphs

The Levey-Jennings chart or scatter graph provides an instant visual representation of instrument and test performance over time.

To view the Levey-Jennings chart or scatter graph for a test or instrument, double click on the test or instrument of interest.

The chart will automatically generate displaying the sample number on the X axis and the SDI on the Y axis. An SDI of ≤ 2 is considered satisfactory and an SDI >2 is considered unsatisfactory. Satisfactory results are plotted in green on the chart and unsatisfactory results in red.

By hovering over any of the points on the Levey-Jennings chart more information is displayed including the SDI, the operator's initials and the result status.
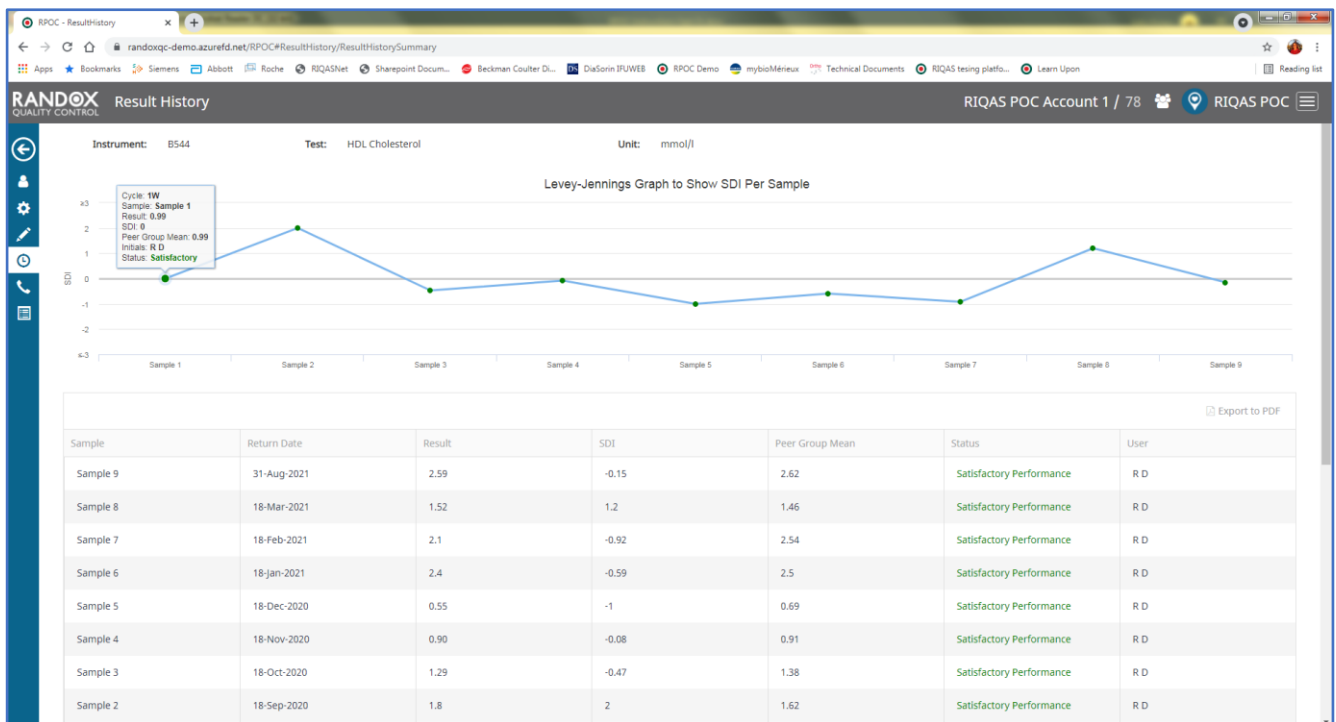
The information displayed on the Levey-Jennings chart is also presented in tabular format below the chart. The sample number, return date, result, SDI, peer group mean, result status and operator initials are displayed.

Satisfactory performance is highlighted in green and unsatisfactory performance in red. The status field will also indicate if a result hasn't been submitted or if a </> result has been entered.

This report may be exported to PDF and kept on file by clicking on the Export to PDF button.

4.2. Histogram Chart

The Histogram chart provides a visual representation of how your result compared to other sites using the same instrument model.

To view the Histogram chart for a particular sample double click on the sample of interest from the table below the Levey-Jennings Chart / Scatter graph.

The Histogram chart will automatically generate. The result obtained is displayed on the X axis and the number of results that fall within that bar on the Y axis. The bar your result falls within is indicated by the dark blue colour. By hovering over any of the bars on the chart, the number of results within that bracket will be displayed.

To the right of the Histogram chart more information is displayed in tabular format including; instrument serial number, instrument model, test, unit, sample number, date, result, peer group mean, peer group SD, result status and operator initials. Satisfactory performance is highlighted in green and unsatisfactory performance in red.

5.0. Changing Your Password
To change your password, click on the profile icon at the top left of the home screen and select Change Password from the drop-down menu.

Enter your current password followed by your new password in the required fields and select the Change button

6.0. Adding New Users
The account administrator or lead operator is responsible for adding new users.

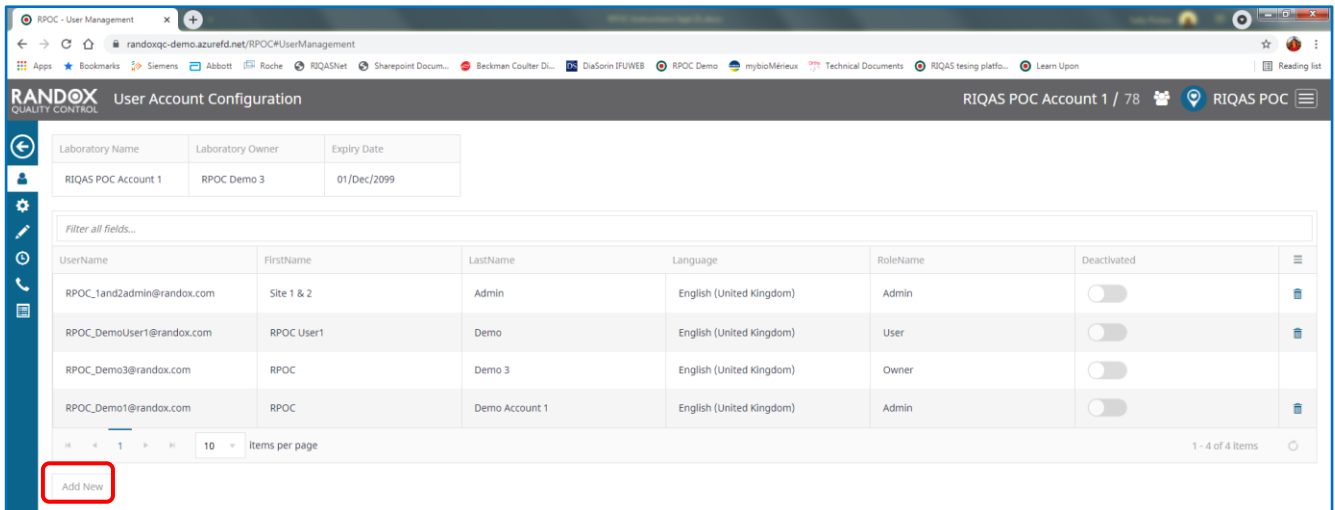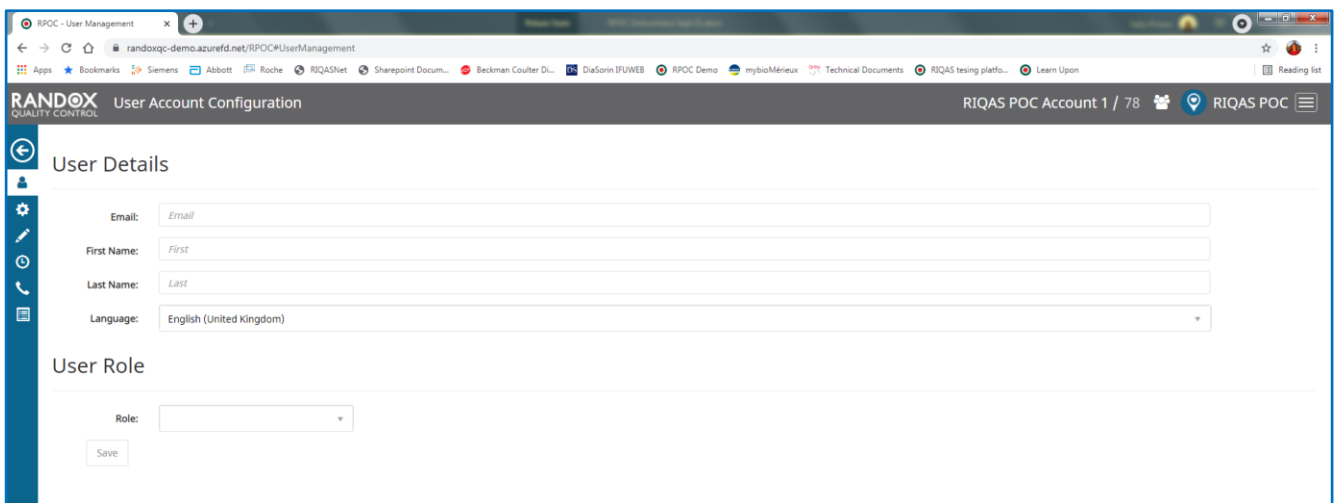To add a new user, click on the profile icon at the top left of the screen and select User Access Control from the drop-down menu.
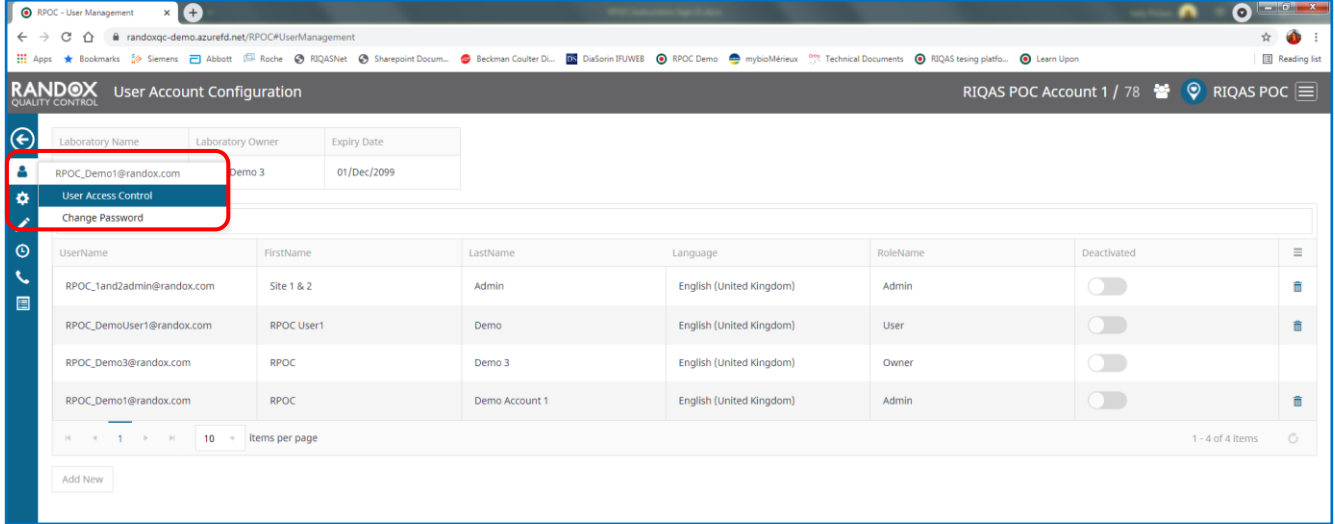
A list of current users will be displayed. To add a new user, select the add new button

Enter the user's details including email address, first name, surname and preferred language from the drop-down menu.

The next step is to set the level of access required for this user. Several pre-configured role-based levels are available. From the Role drop down menu select the most appropriate user level and click the save button.

Admin Level – Each site should assign an administrator; the administrator is responsible for creating and modifying user accounts. In addition, the administrator has the same privileges as Managers.

User Level – Users are responsible for entering EQA results and viewing EQA results.

7.0. Group Co-ordinator Report

The coordinator report allows group co-ordinators to quickly see over a 12 month rolling window how each participant under their remit has performed. The result status is coloured green for satisfactory performance, red for unsatisfactory performance and grey when no result was returned.

Site Name	Email	Instrument	Test	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	%
RIQAS POC Account 1	RPOC_Demo1@ra...	RCB101 b 101	HbA1c - IFCC stan...	34	111	34.6	99	57	13.3	38.2	--	87.5
RIQAS POC Account 1	RPOC_Demo1@ra...	RCB101 b 101	HDL Cholesterol	1.34	1.26	0.99	0.81	2.6	2.03	1.59	--	87.5
RIQAS POC Account 2	RPOC_Demo2@ra...	A123123 Afinion 2	Cholesterol Total	4.2	3.4	4.17	2.59	7.0	7.15	4.0	--	87.5
RIQAS POC Account 2	RPOC_Demo2@ra...	A123123 Afinion 2	CRP	66	49	47.8	26.1	34	47.4	56	--	87.5
RIQAS POC Account 2	RPOC_Demo2@ra...	A123123 Afinion 2	HbA1c - IFCC stan...	35	112	35.9	105	57	11.7	37.2	--	87.5
RIQAS POC Account 2	RPOC_Demo2@ra...	A123123 Afinion 2	HDL Cholesterol	1.6	1.36	1.09	0.84	2.7	2.3	1.39	--	87.5
RIQAS POC Account 2	RPOC_Demo2@ra...	A234 Afinion 2	Cholesterol Total	4.5	3.7	3.96	2.67	6.95	7.3	4.1	--	87.5
RIQAS POC Account 2	RPOC_Demo2@ra...	A234 Afinion 2	CRP	62	45	45.22	27.5	35	46.2	56.2	--	87.5
RIQAS POC Account 2	RPOC_Demo2@ra...	A234 Afinion 2	HbA1c - IFCC stan...	35	104	32	106	56.5	12.7	38.5	--	87.5
RIQAS POC Account 2	RPOC_Demo2@ra...	A234 Afinion 2	HDL Cholesterol	1.66	1.7	0.91	0.91	2.65	2.23	1.46	--	87.5

RIQAS Point of Care demo group 1 · RIQAS POC – Standard · 14/Sep/2020 · 14/Sep/2021 · Generate

Select Status: · Select Site: · Include Deactivated

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