

RANDOX

Certified Service Provider of Olink® Technology



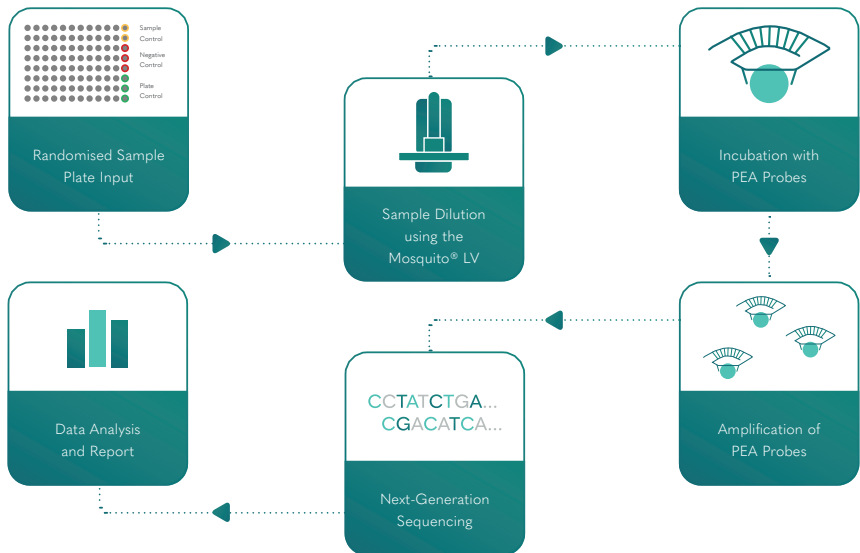
Olink®
Certified Service Provider

Let Experts at Randox Run Your Samples

As a certified service provider of Olink Proximity Extension Assay (PEA) technology, Randox offer scientists involved in drug development, clinical, or basic life science research, the service they need to run large-scale discovery proteomics.

Randox are experts in generating high-quality data using all Olink® proteomic platforms, offering customers access to the entire protein library of ~5400 protein assays.

Olink® Workflow



Covers as many biological pathways & functions as possible



High sample throughput & multiplex protein analysis



Minimal Sample Volume required to complete workflow

Supported Olink® Platforms

Olink® Explore HT	
Proteins (per panel)	5,400 +
Sample	2 µL
Multiplex Panels	1
Quantification	Relative

Olink® Explore 384	
Proteins (per panel)	~3000
Sample	1 µL
Multiplex Panels	8
Quantification	Relative

Olink® Target 96	
Proteins (per panel)	~1100
Sample	1 µL
Multiplex Panels	15
Quantification	Relative

Olink® Target 48 Cytokine	
Proteins (per panel)	45
Sample	1 µL
Multiplex Panels	1
Quantification	Relative

Olink® Flex	
Proteins (per panel)	~200
Sample	1 µL
Multiplex Panels	Mix & Match
Quantification	Relative or Absolute

Olink® Focus	
Proteins (per panel)	5,400 +
Sample	1 µL
Multiplex Panels	Custom
Quantification	Relative or Absolute

Randox Completes Olink® Concordance Test

Randox successfully completed the Explore Concordance challenge as beta testers of the Concordance program, certifying the ability to operate the PEA with the same level of competency than the Olink® Analysis Service.

Randox Summary Report		Acceptance Criteria	Result
QC Warnings	0%	Max 16% allowed	Passed the QC warning criteria
Detectability	97.2%	Min 85% allowed	Passed the detectability criteria
Intra CV	9%	Max 15% allowed	Passed the CV criteria
Median correlation coefficient (r)	0.98	Min 0.9 allowed	Passed the correlation criteria
Coefficient of determination (r ²)	0.96	Min 0.9 allowed	Passed the correlation criteria

Overall, Randox passed all QC criteria's successfully passing the Olink® Concordance Test on Explore 3072



Exceptional specificity in comparison to mass spec utilizing PEA technology



Analysis of both low and high abundance proteins (fg/mL – mg/mL) with high sensitivity



Compatible with a wide variety of sample types



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