

Olink® Concordance Test

Concordance Test instruction for Olink® Explore 384

This instruction describes the workflow for a concordance run using Olink® Concordance Test with Olink® Explore 384. For more detailed information on running Olink Explore 384 panels, please refer to the Olink Explore 384 User Manual.

1. About the test

Olink® Concordance Test is developed to give Olink-trained labs the possibility to show similarity in run quality in-house compared to Olink Analysis Service labs.

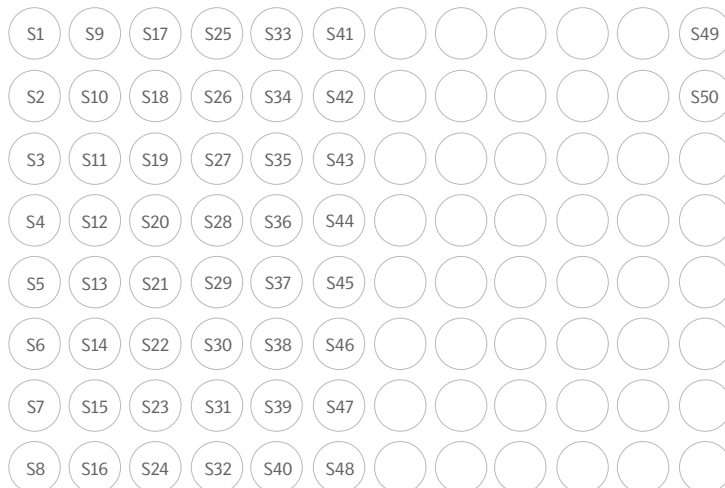
The Olink Concordance Test consists of:

- Olink® Concordance Test plate
- Concordance Test report

Results from the Concordance Test are provided in the summarizing Concordance Test report with results comparing Olink Analysis Service lab and Olink-trained lab.

1.1 Olink Concordance Test plate

The Concordance Test plate is a 96-well Sample Plate containing 50 plasma samples, 48 samples in columns 1–6 and 2 samples in column 12.



1.2 Concordance Test report

The report includes a summary of:

- QC Warning
- PCA
- Intra CV
- Correlation
- Regression

2. Equipment

Equipment and consumables required for performing the concordance test.

Ordered by customer:

- One (1) Olink Concordance Test
- One (1) Olink® Explore 384 reagent kit

! NOTE A flow cell for sequencing the the Olink® Explore 384 libraries is also required. Refer to the Olink Explore 384 User Manual for details.

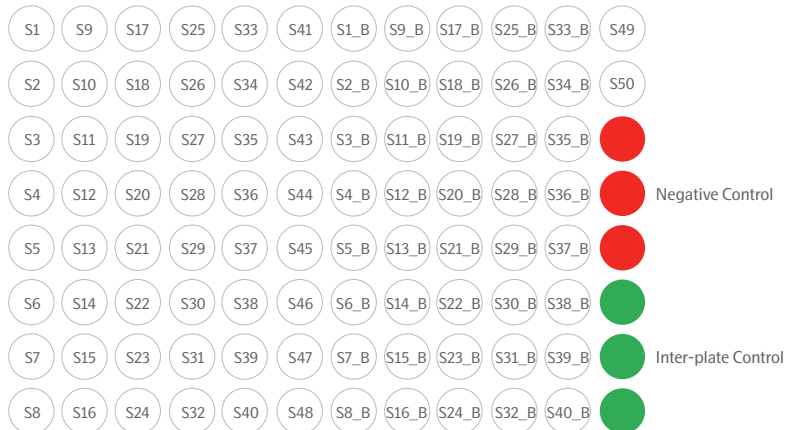
Provided by Olink:

- Sample manifest

3. Workflow

Thaw the Olink® Concordance Test Sample Plate. 48 samples in columns 1–6 and 2 samples in column 12 are provided.

! NOTE For this Explore 384 run, samples in column 1–6 and duplicates of column 1–5 will be used. And the two duplicates of plasma, S49 in well A12 and S50 in well B12, will be used as Sample Control. An alternative to running duplicates is to run customer samples in columns 7-11.



1. Run the Olink® Explore 384 reagent kit according to the Olink® Explore 384 User Manual. Store the Concordance Test Sample Plate at -80°C in case a rerun is required.
2. QC your data according to the NPX™ Explore HT & 3072 User Manual.
! NOTE Use the exact sample manifest provided by Olink, to ensure generated data and report are correct.
! NOTE All QC criteria need to be fulfilled to ensure that the Concordance Test results can be correctly calculated. Contact support@olink.com if there are any concerns regarding the QC.
! NOTE Select Intensity as normalization method.
3. Export/download the intensity normalized NPX file and the Analysis Report for the run and email to support@olink.com.
4. A Concordance Test report will be sent to you with data comparing your run with Olink Analysis Service.

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