Olink® Concordance Test

Concordance Test instruction for Olink® Reveal

This instruction describes the workflow for a concordance run using Olink® Concordance Test with Olink® Reveal.
For more detailed information on running Olink Reveal, please refer to the Olink Reveal Laboratory Instructions.

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.

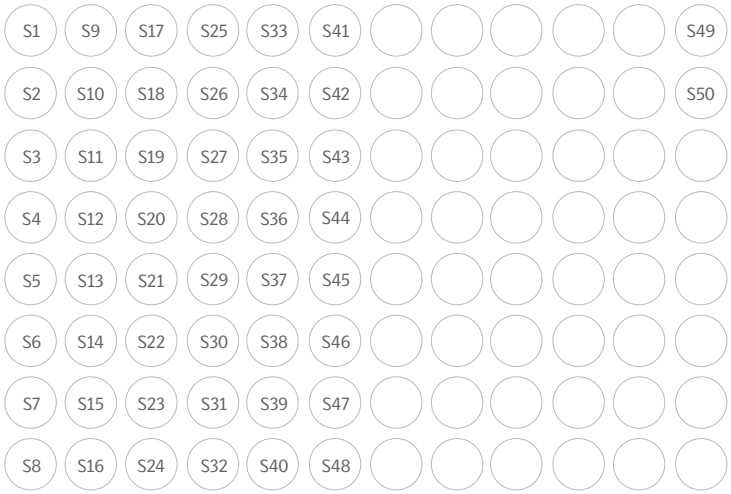
The Olink Concordance Test consists of:

- 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® Reveal reagent kit

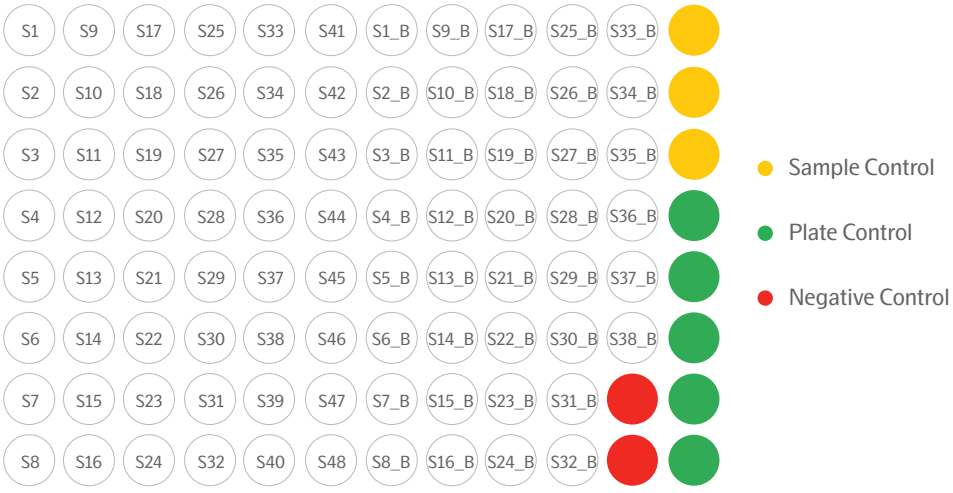
! NOTE A flow cell for sequencing the the Olink® Reveal libraries is also required. Refer to the Olink Reveal Laboratory Instructions for details.

Provided by Olink:

- Sample manifest

3. Workflow

1. Thaw the Olink® Concordance Test Sample Plate. 48 samples in columns 1–6 and 2 samples in column 12 are provided.
   ! NOTE For this Reveal run, samples in column 1–6 and duplicates of column 1–5 will be used. Use the Sample Control provided in the reagent kit. An alternative to running duplicates is to run customer samples in columns 7–11 (make sure that positions G11 and H11 are left for the Negative Controls).



2. Run the Olink® Reveal reagent kit according to the Olink® Reveal Laboratory Instructions. Store the Concordance Test Sample Plate at −80°C in case a rerun is required.
3. QC your data according to the NPX™ Map Software 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.
4. Export/download the intensity normalized NPX file and the Analysis Report for the run and email to support@olink.com.
5. A Concordance Test report will be sent to you with data comparing your run with Olink Analysis Service.

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