

## Olink® Concordance Test

# Concordance Test instruction for Olink® Target 48 Cytokine

*This instruction describes the workflow for a Concordance run using Olink® Concordance Test with Olink® Target 48 Cytokine. For more detailed information on running Olink Target 48 panels, please refer to the Olink Target 48 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.

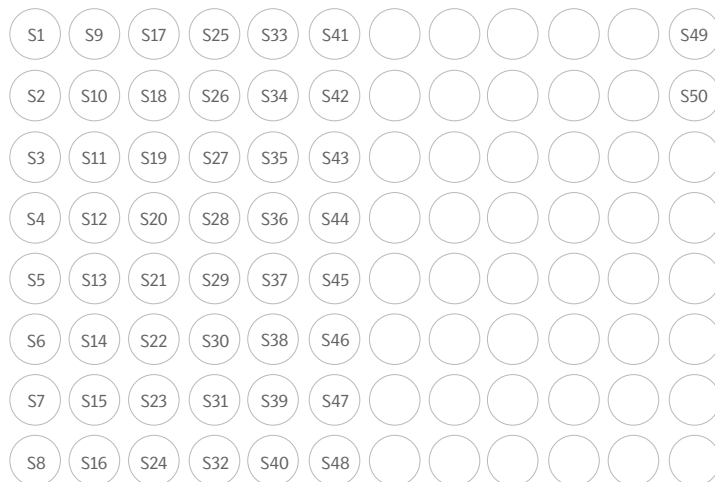
The Olink Concordance Test consists of:

- 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
- Detectability

## 2. Equipment

Equipment and consumables required for performing the concordance test.

### Ordered by customer:

- One (1) Olink Concordance Test
- One (1) Olink® Target 48 Cytokine reagent kit
- One (1) Olink® 48.48 IFC for Protein Expression

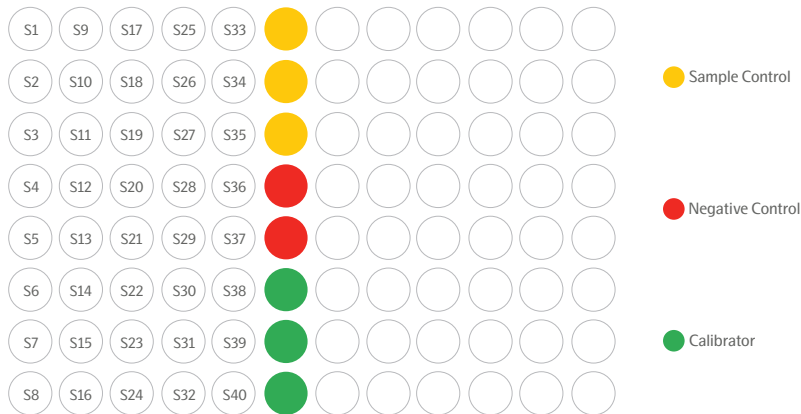
### Provided by Olink:

- 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 Target 48 run, only samples S1 to S40 in columns 1–5 will be used. Use the Sample Control provided with the reagent kit.



2. Run the Olink® Target 48 reagent kit according to the Olink® Target 48 User Manual. Store the Concordance Test Sample Plate at  $-80^{\circ}\text{C}$  in case a rerun is required.
3. QC your data according to the Olink® NPX Signature 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](mailto:support@olink.com) if there are any concerns regarding the QC.
4. Export the results file with the following settings:
  - Data Type: Quantified Values
  - Assay Types: Assays and Control Assays
  - Output format: Long
  - File type: Text
  - Sample Types: Samples, Control Samples, Plate ControlExport the Analysis Report.
5. Email the exported data and Analysis Report to [support@olink.com](mailto:support@olink.com). We also ask you to provide the NPX Signature project file (.npx file), and/or the run files (.q100 files).
6. A Concordance Test report will be sent to you with data comparing your run with Olink Analysis Service.

[www.olink.com](http://www.olink.com)

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