

Research use only. Not for use in diagnostic procedures.

AlphaLISA[®]

Human C-X-C Motif Chemokine Ligand 13 (CXCL13) Detection Kit

Product number: AL3098 HV Lot Number: 3243065

Material provided:

Kit Format: AL3098HV: 100 assay points

The number of assay points based on an assay volume of 100 µL in a 96-well assay plate using kit

components at the recommended concentrations.

AL3098C: 500 assay points AL3098F: 5000 assay points

The number of assay points is based on an assay volume of 50 µL in

384-well assay plates using kit components at the recommended concentrations.

Analyte Format: AL3098S: 0.1 µg (one vial contains an amount sufficient for performing 10 AlphaLISA standard

curves)

Manufacturing date: 12/13/2023 Document version: 1

Product Information

Application: This kit is designed for the quantitative determination of CXCL13 in cell culture media and

serum using a homogeneous AlphaLISA assay (no wash steps).

Kit contents: The kit contains 5 components: AlphaLISA Acceptor beads coated with anti-hCXCL13 Antibody,

Streptavidin-coated Donor beads, Biotinylated Anti-hCXCL13 Antibody, Lyophilized hCXCL13 and

10X AlphaLISA Immunoassay Buffer.

Sensitivity: Lower Detection Limit (LDL): 2.3 pg/mL

Lower Limit of Quantification (LLOQ): 7.2 pg/mL

EC₅₀: 23.4 ng/mL

Dynamic Range: 2.3 – 100 000 pg/mL

Storage: Store kit in the dark at 4C. For reconstituted analyte aliquot and store at -20 °C. The aliquoted

analyte stored at -20°C is stable up to 30 days. Avoid freeze-thaw cycles.

Stability: This kit is stable for at least 6 months from the manufacturing date when stored in its original

packaging and the recommended storage conditions.

Lot to lot consistency is confirmed in an AlphaLISA assay. Maximum and minimum signals, EC₅₀ and LDL were measured on the EnVision Multilabel Plate Reader with Alpha option. We certify that these results meet our quality release criteria. Maximum counts may vary between bead lots and the instrument used, with no impact on LDL measurement.

 $\begin{array}{lll} EC_{50} \colon & 52.86 \text{ ng/mL} \\ \text{LDL:} & 0.27 \text{ pg/mL} \\ \text{LLOQ:} & 22.66 \text{ pg/mL} \\ \text{Min counts:} & 208 \text{ counts} \\ \text{Max counts:} & 128356 \text{ counts} \end{array}$

The information provided in this document is valid for the specified lot number and date of analysis. This information is for reference purposes only and does not constitute a warranty or guarantee of the product's suitability for any specific use. Revvity, Inc., its subsidiaries, and/or affiliates (collectively, "Revvity") do not assume any liability for any errors or damages arising from the use of this document or the product described herein. REVVITY EXPRESSLY DISCLAIMS ALL WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, REGARDLESS OF WHETHER ORAL OR WRITTEN, EXPRESS OR IMPLIED, ALLEGEDLY ARISING FROM ANY USAGE OF ANY TRADE OR ANY COURSE OF DEALING, IN CONNECTION WITH THE USE OF INFORMATION CONTAINED HEREIN OR THE PRODUCT ITSELF.

AL3098-R Rev01

