CERTIFICATE OF ANALYSIS

Research use only. Not for use in diagnostic procedures.

AlphaLISA®

Cyno IFNγ Detection Kit

Product number: AL561 F **Lot Number:** 3240063

Material provided:

Kit Format: AL561HV: 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.

AL561C: 500 assay points AL561F: 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: AL561S: 0.3 µg (one vial contains an amount sufficient for performing 10 AlphaLISA standard curves)

Manufacturing date: 12/07/2023 **Document version:** 1

Product Information

Application: This kit is designed for the quantitative determination of Cynomolgus Interferon Gamma (cynoIFNγ) in serum, plasma, and cell culture supernatants using a homogeneous AlphaLISA assay (no wash steps). The assay shows no cross reactivity with porcine, bovine, ovine, and horse IFNγ. The assay shows 34% cross reactivity with human IFNγ. Cross-reactivity with other species has not been tested.

Kit contents: The kit contains 5 components: AlphaLISA Anti-cynoIFNγ Acceptor beads, Streptavidin-coated Donor beads, Biotinylated Anti- cynoIFNγ Antibody, Lyophilized cynoIFNγ and 10X AlphaLISA Immunassay Buffer.

Sensitivity: Lower Detection Limit (LDL): 4 pg/mL

Lower Limit of Quantification (LLOQ): 13 pg/mL

EC_{50}: 21 ng/mL

Dynamic Range: 4 – 100 000 pg/mL

Storage: Store kit in the dark at +4℃. Store reconstituted analyte at -20°C.

Stability: This kit is stable for at least 12 months from the manufacturing date when stored in its original packaging and the recommended storage conditions.

Quality Control

Lot to lot consistency is confirmed in an AlphaLISA assay. Maximum and minimum signals, EC_{50} 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.

EC_{50}:	11.49 ng/mL
LDL:	3.38 pg/mL
LLOQ:	10.86 pg/mL
Min counts:	181 counts
Max counts:	178942 counts

AL561-R Rev01

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