

Research use only. Not for use in diagnostic procedures.

## AlphaLISA®

## Human Interleukin 12 (p70) Detection Kit

Product number:	AL3116 C	Lot Number:	3244012	
				$\neg \neg$
Material provided:				
Kit Format:	AL3116HV: 100 assay points			
	The number of assay points based on an assay volume of 100 $\mu$ L in a 96-well assay plate using kit components at the recommended concentrations.			
	AL3116C: 500 assay points AL3116F:	5000 assay points		
	The number of assay points is based on an assay volume of 50 $\mu$ L in 384-well assay plates using kit components at the recommended concentrations.			
Analyte Format:	AL3116S: 0.3 $\mu g$ (one vial contains an amount sufficient for performing 10 AlphaLISA standard curves)			
Manufacturing date:	December 20, 2023 Document versio	<b>n:</b> 1		

## **Product Information**

Application:	This kit is designed for the quantitative determination of IL12 (p70) in buffer, serum, plasma and cell culture media using a homogeneous AlphaLISA assay (no wash steps).	
Kit contents:	The kit contains 5 components: AlphaLISA Acceptor beads coated with anti-IL12(p70) Antibody, Streptavidin-coated Donor beads, Biotinylated Anti-IL12(p70) Antibody, Lyophilized human IL12(p70) and 10X AlphaLISA Immunoassay Buffer.	
Sensitivity:	Lower Detection Limit (LDL): 1.8 pg/mL Lower Limit of Quantification (LLOQ): 6.3 pg/mL EC50: 31.6 ng/mL	
Dynamic Range:	1.8 – 300 000 pg/mL	
Storage:	Store kit in the dark at +4C. The aliquoted analyte stored at -20 °C is stable up to 30 days. Avoid freezing analyte and 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.	

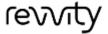
## **Quality Control**

Lot to lot consistency is confirmed in an AlphaLISA assay. Maximum and minimum signals, EC<sub>50</sub> 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.

36.940 ng/mL
3.321 pg/mL
11.976 pg/mL
187 counts
244644 counts

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AL3116-R Rev01



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