

Research use only. Not for use in diagnostic procedures.

## AlphaLISA®

## Human Granzyme B Detection Kit

Product number:	AL3170HV	Lot Number:	3267311	
				$\neg \neg$
Material provided:				
Kit Format:	AL3170HV: 100 assay points			
	The number of assay points based on an assay volume of 100 $\mu$ L in a 96-well assay plate using components at the recommended concentrations.			
	AL3170C: 500 assay points AL3170F:	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.			5.
Analyte Format:	AL3170S: 1 $\mu g$ (one vial contains an amount sufficient for performing 10 AlphaLISA standard curves)			
Manufacturing date:	February 22, 2024 Document versio	n: 1		

## **Product Information**

Application:	This kit is designed for the quantitative determination of human hGranzyme B using a homogeneous no wash AlphaLISA assay.
Kit contents:	The kit contains 5 components: AlphaLISA Acceptor beads coated with anti-hGranzyme B Antibody, Streptavidin-coated Donor beads, Biotinylated anti-hGranzyme B antibody, Lyophilized hGranzyme B and 10X AlphaLISA Immunoassay Buffer.
Sensitivity:	Lower Detection Limit (LDL): 145 pg/mL Lower Limit of Quantification (LLOQ): 488 pg/mL EC <sub>50</sub> : 420 ng/mL
Dynamic Range:	145 – 1 000 000 pg/mL
Storage:	Store kit in the dark at 4 ºC. For reconstituted analyte, aliquot and store at -20 ºC for up to two weeks. Avoid freeze-thaw cycles.
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.

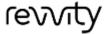
## **Quality Control**

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

EC <sub>50</sub> :	250.300 ng/mL
LDL:	346.804 pg/mL
LLOQ:	1015.891 pg/mL
Min counts:	313 counts
Max counts:	91415 counts

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AL3170-R Rev01



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