

AlphaLISA®

Human Cereblon Binding Kit

Product number: AL3147S **Lot Number:** 3351662

Material provided:

Kit Format: AL3147C: 500 assay points AL3147F: 5000 assay points

The number of assay points is based on an assay volume of 20 µL in 384-well assay plates using kit components at the recommended concentrations.

Standard Format: AL3147S: 1.87mg lyophilized

Manufacturing date: 10/29/2024 **Document version:** 1

Product Information

Application: This kit is designed to assess orthosteric binders of CRBN protein using a homogeneous no wash AlphaLISA binding assay.

Kit contents: The kit contains 6 components: Glutathione AlphaLISA Acceptor beads, Streptavidin-coated Donor beads, Biotinylated CRBN ligand, GST tagged CRBN protein, AlphaLISA CRBN Binding kit Standard (Lenalidomide) and AlphaLISA PPI buffer.

Storage: The kit components must be stored at 4 °C in the dark. Reconstituted GST-tagged CRBN protein can be stored at -80°C and AlphaLISA CRBN Binding kit Standard (Lenalidomide) at -20°C for 14 days. Reconstituted biotinylated CRBN ligand can be stored at -80°C for 14 days. S/B may highly decrease due to a storage at -20°C, or a longer-term storage of the biotinylated CRBN ligand or multiple freeze-thaw cycles.

Stability: This kit is stable for at least 12 months from the manufacturing date when stored in its original packaging (lyophilized) and the recommended storage conditions (+4°C).

Quality Control

Lot to lot consistency is confirmed in an AlphaLISA assay. Maximum and minimum signals and IC50 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.

Maximum signal: 165439 counts

Minimum signal: 379 counts

IC50: 6.57 µg/mL

SB: 437

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AL3147-R Rev01

The Revvity logo consists of the word "revvity" in a lowercase, sans-serif font. The letters are black and have a modern, clean appearance.

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