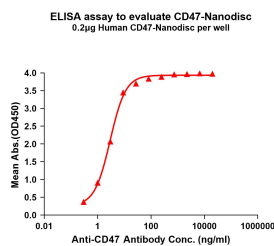


# Synthetic Nanodisc Human CD47 Protein (A317351)

## Specifications:

Name:	Synthetic Nanodisc Human CD47 Protein
Description:	Synthetic nanodiscs offer a stable and biologically relevant environment that closely mimics cell membranes and enables full-length transmembrane human CD47 protein to be purified and analysed in vitro.
Expression System:	HEK293 cells
Nature:	Synthetic
Protein Species:	Human
Protein Length:	Full length protein.
Molecular Weight:	Full length human CD47 protein has a MW of 35.21 kDa.
Conjugate:	Unconjugated
Product Form:	Lyophilized
Concentration:	Reconstitution dependent.
Formulation:	Lyophilized from nanodisc solubilization buffer (20mM Tris-HCl, 150mM NaCl, pH 8.0). Normally 5%-8% Trehalose is added as a protectant before lyophilization.
Storage:	Shipped at 4°C. Lyophilized: Store at -20°C to -80°C. Reconstituted: Aliquot and store at -80°C. Product is stable for one year. Avoid freeze/thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

## Images:



ELISA plates were pre-coated with Magrolimab Biosimilar - Anti-CD47 Antibody - BSA and Azide free (A318907) at 0.2µg/well. Serial diluted Synthetic Nanodisc Human CD47 Protein (A317351) solutions were added, washed, and incubated with secondary antibody before ELISA reading. From the above data, the EC50 for Synthetic Nanodisc Human CD47 Protein (A317351) binding with Synthetic Nanodisc Human CD47 Protein (A317351) is 2.959ng/ml.

## Synthetic Nanodisc Human CD47 Protein (A317351)

Images continued:



SDS-PAGE of Synthetic Nanodisc Human CD47 Protein (A317351) under reducing conditions.