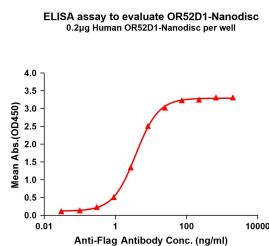


# Synthetic Nanodisc Human OR52D1 Protein (A317294)

## Specifications:

Name:	Synthetic Nanodisc Human OR52D1 Protein
Description:	Synthetic nanodiscs offer a stable and biologically relevant environment that closely mimics cell membranes and enables full-length transmembrane human OR52D1 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 OR52D1 protein has a MW of 34.9 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.

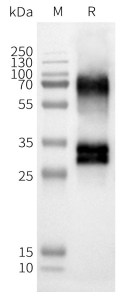
## Images:



ELISA plates were pre-coated with Synthetic Nanodisc Human OR52D1 Protein (A317294) at 0.2µg/per well. Serial diluted Anti-Flag Monoclonal Antibody solutions were added, washed, and incubated with a secondary antibody before reading the ELISA. From the above data, the EC50 for Anti-Flag Monoclonal Antibody binding with Synthetic Nanodisc Human OR52D1 Protein (A317294) is 3.737ng/ml.

## Synthetic Nanodisc Human OR52D1 Protein (A317294)

Images continued:



Western Blot analysis of Synthetic Nanodisc Human OR52D1 Protein (A317294) with Anti-Flag Monoclonal Antibody at 1/5000 dilution, followed by Goat Anti-Rabbit IgG HRP at 1/5000 dilution.