GUCY1B3 (Human) Cell-Based ELISA Kit

Catalog # KA2910 Size 1 Kit

Specification

Product Description	GUCY1B3 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of GUCY1B3 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse, Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — GUCY1B3

Entrez GeneID	2983
Protein Accession#	Q02153
Gene Name	GUCY1B3
Gene Alias	GC-S-beta-1, GC-SB3, GUC1B3, GUCB3, GUCSB3, GUCY1B1
Gene Description	guanylate cyclase 1, soluble, beta 3

Omim ID	139397
Gene Ontology	Hyperlink
Gene Summary	Soluble guanylate cyclase (sGC), a heterodimeric protein consisting of an alpha subunit and a bet a subunit, typically GUCY1B3, catalyzes conversion of GTP to the second messenger cGMP and f unctions as the main receptor for nitric oxide (NO) and nitrovasodilator drugs (Zabel et al., 1998 [PubMed 9742212]).[supplied by OMIM
Other Designations	-

Pathway

- Gap junction
- Long-term depression
- Purine metabolism
- Vascular smooth muscle contraction