ARG83730

arigoQIK® Mouse TREM2 ELISA Development Kit

Package: 1 kit(5 plates), 1 kit (15 plates)
Store at: 4°C, -20°C

Summary

Product Description	ARG83730 arigoQIK® Mouse TREM2 ELISA Development Kit, includes Capture antibody, Detection antibody, Standard, and HRP-Streptavidin Solution. This ELISA Development Kit is designed for the development of sandwich ELISA to measure Mouse TREM2 in Serum, plasma and cell culture supernatants. For other reagents required for arigoQIK® ELISA Development Kit, please refer ARG83524 Integral Reagent Kit (ELISA Development Kit) More aboutarigoQIK® : ● Optimized capture and detection antibody pairs ● Reduced incubation time and wash cycles ● 2-hour quicker than conventional ELISA process ● 5- and 15-plate packages available
Tested Reactivity	Ms
Tested Application	ELISA
Target Name	TREM2
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	11.72 pg/mL
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	23.4375-1500 pg/mL
Sample Volume	50 µL
Alternate Names	TREM2; Triggering Receptor Expressed On Myeloid Cells 2; TREM-2; Trem2a; Trem2b; Trem2c; Triggering Receptor Expressed On Myeloid Cells 2a; Triggering Receptor Expressed On Monocytes 2; PLOSL2; AD17

Properties

Storage instruction	Store components at 4°C or -20°C. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	TREM2
Gene Full Name	Triggering Receptor Expressed On Myeloid Cells 2
Background	This gene encodes a membrane protein that forms a receptor signaling complex with the TYRO protein tyrosine kinase binding protein. The encoded protein functions in immune response and may be involved in chronic inflammation by triggering the production of constitutive inflammatory cytokines. Defects in this gene are a cause of polycystic lipomembranous osteodysplasia with sclerosing leukoencephalopathy (PLOSL). Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Nov 2012]

Function	Involved in the positive regulation of osteoclast differentiation. [Uniprot]