

ARG83534

arigoQIK™ Human CD200R ELISA Development Kit

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

Summary

Product Description

ARG83534 arigoQIK™ Human CD200R 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 Human CD200R 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 about arigoQIK™:](#)

- 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

Hu

Tested Application

ELISA

Target Name

CD200R

Conjugation

HRP

Conjugation Note

Substrate: TMB and read at 450 nm.

Sensitivity

19.53 pg/ml

Sample Type

Serum, plasma and cell culture supernatants.

Standard Range

39.06 - 2500pg/ml

Sample Volume

50 µl

Alternate Names

CD200R1; CD200 Receptor 1; CD200R; OX2R; HCRTR2; MOX2R; Cell Surface Glycoprotein CD200 Receptor 1; CD200 Cell Surface Glycoprotein Receptor; Cell Surface Glycoprotein OX2 Receptor 1; MOX2 Receptor; Cell Surface Glycoprotein Receptor CD200; CRTR2

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

CD200R1

Gene Full Name

CD200 Receptor 1

Background

This gene encodes a receptor for the OX-2 membrane glycoprotein. Both the receptor and substrate are cell surface glycoproteins containing two immunoglobulin-like domains. This receptor is restricted to the surfaces of myeloid lineage cells and the receptor-substrate interaction may function as a myeloid downregulatory signal. Mouse studies of a related gene suggest that this interaction may control myeloid function in a tissue-specific manner. Alternative splicing of this gene results in multiple

transcript variants. [provided by RefSeq, Jul 2008]

Function

Inhibitory receptor for the CD200/OX2 cell surface glycoprotein. Limits inflammation by inhibiting the expression of pro-inflammatory molecules including TNF-alpha, interferons, and inducible nitric oxide synthase (iNOS) in response to selected stimuli. Also binds to HHV-8 K14 viral CD200 homolog with identical affinity and kinetics as the host CD200. [UniProt]

Highlight

Related news:
[arigoQIK, DIY your sandwich ELISA kits;](#)

PTM

Disulfide bond, Glycoprotein. [UniProt]

Cellular Localization

Cell membrane, Membrane, Secreted. [UniProt]