ARG83696

arigoQIK® Human CD33 ELISA Development Kit

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

Summary

Product Description	ARG83696 arigoQIK® Human CD33 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 CD33 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	Hu
Tested Application	ELISA
Target Name	CD33
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	31.25 pg/mL
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	62.5-4000 pg/mL
Sample Volume	50 µL
Alternate Names	CD33; CD33 Molecule; SIGLEC3; CD33rSiglec; SIGLEC-3; P67; Sialic Acid-Binding Ig-Like Lectin 3; Myeloid Cell Surface Antigen CD33; CD33 Antigen (Gp67); FLJ00391; Gp67; Sialic Acid Binding Ig-Like Lectin 3; CD33 Molecule Transcript; CD33 Antigen; Siglec-3

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	CD33
Gene Full Name	CD33 Molecule
Background	Enables protein phosphatase binding activity; protein tyrosine phosphatase activator activity; and sialic acid binding activity. Involved in several processes, including immune response-regulating signaling pathway; negative regulation of cytokine production; and negative regulation of monocyte activation. Located in several cellular components, including Golgi apparatus; external side of plasma membrane; and peroxisome. [provided by Alliance of Genome Resources, Feb 2025]

Function	One of the repressive effect of CD33 on monocyte activation requires phosphoinositide 3-kinase/PI3K. [Uniprot]