Native Human Immunoglobulin A1 (IgA1)

Cat. No. IGHA1-210H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	Human Plasma
Description	In normal adult serum, the approximate percentage composition of IgA with respect to is subclasses is IgA1:90% and IgA2:10%. In secretory IgA, the subclass proportions may approach 50:50. The clinical significance of the subclasses has yet to be determined.
Form	Frozen
Molecular Mass	MW 160,000
Purity	>=95% by SDS-PAGE.
Usage	For research use only.
Quality Control Test	Shown to be non reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.
Stability	>1 year
Storage	-20°C

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Storage Buffer	100 mM phosphate, pH 7.4, with 150 mM NaCl and 0.05% NaN3

GENE INFORMATION

Gene Name	IGHA1 immunoglobulin alpha 1 heavy chain constant region [Homo sapiens]
Official Symbol	IGHA1
Synonyms	IGHA1; immunoglobulin alpha 1 heavy chain constant region; IgA1; FLJ14473; FLJ41548; FLJ41552; FLJ43248; FLJ43594; FLJ44293; FLJ46028; FLJ46621; FLJ46724; FLJ46811; FLJ46824; MGC102857;
Gene ID	3493
Chromosome Location	14q32.33
Pathway	Binding and Uptake of Ligands by Scavenger Receptors, organism-specific biosystem; Inflammatory Response Pathway, organism-specific biosystem; Scavenging of heme from plasma, organism-specific biosystem
Function	antigen binding; contributes_to immunoglobulin receptor binding

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