

Native Human Immunoglobulin Heavy Constant Alpha 2 (A2m marker)

Cat. No. IGHA2-615H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native human IGHA2 was expressed in Human Plasma. It represents about 15% to 20% of immunoglobulins in the blood, although Human IgA is primarily secreted across the mucosal tract into the stomach and intestines.
Species	Human
Source	Human Plasma
Description	Ig alpha-2 chain C region is a protein that in humans is encoded by the IGHA2 gene. IGHA2 represents about 15% to 20% of immunoglobulins in the blood, although Human IgA is primarily secreted across the mucosal tract into the stomach and intestines. This prevents microbes from binding to epithelial cells in the digestive and respiratory tracts. Human IgA antibodies are secreted mainly by mucosal lymphoid tissues.
Form	Liquid in Phosphate Buffer.
Purity	>96% by SDS PAGE
Storage	2-4°C. Product is stable for 1 year from date of receipt. -20°C long term.
Official Symbol	IGHA2
Pathways	Inflammatory Response Pathway

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GENE INFORMATION

Gene Name	IGHA2 immunoglobulin heavyconstant alpha 2 (A2m marker) [Homo sapiens]
Synonyms	IGHA2; immunoglobulinheavy constant alpha 2 (A2m marker); Ig alpha-2 chain C region
Gene ID	3494
mRNA Refseq	NG_001019
MIM	147000
UniProt ID	P01877
Chromosome Location	14q32.33
Function	antigen binding

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