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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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HLA-A (Human) Matched Antibody Pair

Catalog # : H00003105-AP21

規格 : [1 Set]

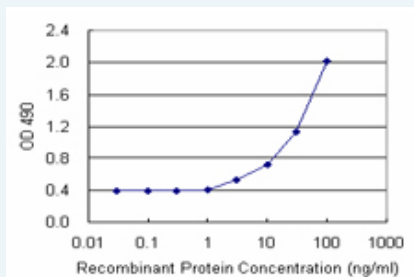
[List All](#)

Specification

Product Description: This antibody pair set comes with matched antibody pair to detect and quantify protein level of human HLA-A.

Reactivity: Human

Quality Control Testing: Standard curve using recombinant protein (H00003105-P01) as an analyte.



Sandwich ELISA detection sensitivity ranging from 3 ng/ml to 100 ng/ml.


Supplied Product: Antibody pair set content:
 1. Capture antibody: rabbit MaxPab® affinity purified polyclonal anti-HLA-A (100 ug)
 2. Detection antibody: mouse purified polyclonal anti-HLA-A (20 ug)
 *Reagents are sufficient for at least 1-2 x 96 well plates using recommended protocols.

Storage Instruction: Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

MSDS:  [Download](#)

Applications

ELISA Pair (Recombinant protein)

 [Protocol Download](#)

Gene Information

Entrez GeneID: [3105](#)

Gene Name: HLA-A

Gene Alias: HLAA

Gene Description: major histocompatibility complex, class I, A

Omim ID: [106300](#), [142800](#), [608579](#)

Gene Ontology: [Hyperlink](#)

Application Image

ELISA Pair (Recombinant protein)

Gene Summary: HLA-A belongs to the HLA class I heavy chain paralogues. This class I molecule is a heterodimer consisting of a heavy chain and a light chain (beta-2 microglobulin). The heavy chain is anchored in the membrane. Class I molecules play a central role in the immune system by presenting peptides derived from the endoplasmic reticulum lumen. They are expressed in nearly all cells. The heavy chain is approximately 45 kDa and its gene contains 8 exons. Exon 1 encodes the leader peptide, exons 2 and 3 encode the alpha1 and alpha2 domains, which both bind the peptide, exon 4 encodes the alpha3 domain, exon 5 encodes the transmembrane region, and exons 6 and 7 encode the cytoplasmic tail. Polymorphisms within exon 2 and exon 3 are responsible for the peptide binding specificity of each class one molecule. Typing for these polymorphisms is routinely done for bone marrow and kidney transplantation. Hundreds of HLA-A alleles have been described. [provided by RefSeq]

Other Designations: HLA class I histocompatibility antigen, A-23 alpha chain, MHC class I antigen HLA-A heavy chain, MHC leukocyte antigen, OTTHUMP00000161059, antigen presenting molecule, leukocyte antigen class I, leukocyte antigen class I-A

Gene Pathway

[Allograft rejection](#) [Antigen processing and presentation](#) [Autoimmune thyroid disease](#)
[Cell adhesion molecules \(CAMs\)](#) [Endocytosis](#) [Graft-versus-host disease](#)
[Natural killer cell mediated cytotoxicity](#) [Type I diabetes mellitus](#)

Related Disease

[Abortion, Habitual](#) [Abruptio Placentae](#) [Acquired Immunodeficiency Syndrome](#)
[Acute Disease](#) [Addison Disease](#) [Adenocarcinoma](#) [Adenovirus Infections, Human](#)
[Agranulocytosis](#) [AIDS-Related Opportunistic Infections](#) [Alcoholism](#) [Alopecia Areata](#)
[Alveolar Bone Loss](#) [Alzheimer Disease](#) [Alzheimer disease](#) [Anemia](#) [Anemia, Aplastic](#)
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