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## Datasheet for ABIN2043001 HLAG ELISA Kit

### Overview

Quantity:	96 tests
Target:	HLAG
Reactivity:	Rat
Method Type:	Sandwich ELISA
Detection Range:	0.31-20 ng/mL
Minimum Detection Limit:	0.31 ng/mL
Application:	ELISA

### Product Details

Brand:	BioAssay™
Detection Method:	Colorimetric
Sensitivity:	< 0.136 ng/mL

### Target Details

Target:	HLAG
Alternative Name:	b2-Microglobulin (b2M) ( <a href="#">HLAG Products</a> )
Pathways:	<a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Cancer Immune Checkpoints</a> , <a href="#">Human Leukocyte Antigen (HLA) in Adaptive Immune Response</a>

## Application Details

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Plate:	Pre-coated
Protocol:	<p>Beta-2-Microglobulin (b2M) BioAssay-ELISA Kit (Rat) is a Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Beta-2-Microglobulin (b2M). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Beta-2-Microglobulin (b2M). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Beta-2-Microglobulin (b2M), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm±10nm. The concentration of Beta-2-Microglobulin (b2M) in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p>
Restrictions:	For Research Use only

## Handling

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Storage:	4 °C/-20 °C
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