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## Datasheet for ABIN2043767 **Integrin Alpha2b ELISA Kit**

### Overview

Quantity:	96 tests
Target:	Integrin Alpha2b (CD41)
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	0.15-10 ng/mL
Minimum Detection Limit:	0.15 ng/mL
Application:	ELISA

### Product Details

Brand:	BioAssay™
Detection Method:	Colorimetric
Sensitivity:	< 0.052 ng/mL

### Target Details

Target:	Integrin Alpha2b (CD41)
Alternative Name:	Integrin alpha 2B (ITGa2B) ( <a href="#">CD41 Products</a> )
Pathways:	<a href="#">Integrin Complex</a>

### Application Details

Plate:	Pre-coated
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## Application Details

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**Protocol:** Integrin Alpha 2B (ITGa2B) BioAssay-ELISA Kit (Human) is a Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Integrin Alpha 2B (ITGa2B). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Integrin Alpha 2B (ITGa2B). 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 Integrin Alpha 2B (ITGa2B), 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 Integrin Alpha 2B (ITGa2B) in the samples is then determined by comparing the O.D. of the samples to the standard curve.

**Restrictions:** For Research Use only

## Handling

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**Storage:** 4 °C/-20 °C