

## Datasheet for ABIN2043581 **CD235a/GYPA ELISA Kit**



[Go to Product page](#)

### Overview

Quantity: 96 tests

Target: CD235a/GYPA (GYPA)

Reactivity: Human

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: < 0.134 ng/mL

### Target Details

Target: CD235a/GYPA (GYPA)

Abstract: [GYPA Products](#)

Pathways: [Maintenance of Protein Location](#)

### Application Details

Plate: Pre-coated

## Application Details

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**Protocol:** Glycophorin A (GYPA) 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 Glycophorin A (GYPA). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Glycophorin A (GYPA). 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 Glycophorin A (GYPA), 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  $450\text{nm} \pm 10\text{nm}$ . The concentration of Glycophorin A (GYPA) 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