

Datasheet for ABIN4881695

2B4 ELISA Kit





Overview

Quantity:	96 tests
Target:	2B4 (CD244)
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	0.05-12 ng/mL
Minimum Detection Limit:	0.05 ng/mL
Application:	ELISA

Product Details	
Purpose:	Human 2B4 (CD244) ELISA Kit for Cell Culture Supernatants, Plasma, and Serum samples.
Sample Type:	Plasma, Cell Culture Supernatant, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	The antibody pair provided in this kit recognizes human 2B4/CD244/SLAMF4.
Characteristics:	 Strip plates and additional reagents allow for use in multiple experiments Quantitative protein detection Establishes normal range The best products for confirmation of antibody array data
Components:	Pre-Coated 96-well Strip MicroplateWash BufferStop Solution

Product Details

- Assay Diluent(s)
- · Lyophilized Standard
- Biotinylated Detection Antibody
- · Streptavidin-Conjugated HRP
- · TMB One-Step Substrate

Material not included:

- Distilled or deionized water
- Precision pipettes to deliver 2 μL to 1 μL volumes
- Adjustable 1-25 µL pipettes for reagent preparation
- 100 µL and 1 liter graduated cylinders
- · Tubes to prepare standard and sample dilutions
- · Absorbent paper
- Microplate reader capable of measuring absorbance at 450nm
- · Log-log graph paper or computer and software for ELISA data analysis

Target Details

Target:	2B4 (CD244)
Alternative Name:	2B4 (CD244 Products)
Gene ID:	51744
UniProt:	Q9BZW8

Application Details

Application Details	
Application Notes:	Recommended Dilution for serum and plasma samples2 fold
Sample Volume:	100 μL
Plate:	Pre-coated
Protocol:	1. Prepare all reagents, samples and standards as instructed in the manual.
	2. Add 100 μL of standard or sample to each well.
	3. Incubate 2.5 h at RT or O/N at 4 °C.
	4. Add 100 μL of prepared biotin antibody to each well.
	5. Incubate 1 h at RT.
	6. Add 100 μ L of prepared Streptavidin solution to each well.
	7. Incubate 45 min at RT.
	8. Add 100 μL of TMB One-Step Substrate Reagent to each well.
	9. Incubate 30 min at RT.
	10. Add 50 μL of Stop Solution to each well.
	11. Read at 450 nm immediately.

Application Details

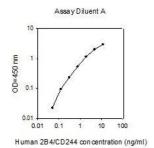
Restrictions: For Research Use only

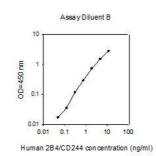
Handling

Storage:	-20 °C
Storage Comment:	The entire kit may be stored at -20°C for up to 1 year from the date of shipment. Avoid repeated
	freeze-thaw cycles. The kit may be stored at 4°C for up to 6 months. For extended storage, it is
	recommended to store at -80°C.

Expiry Date: 6 months

Images





ELISA

Image 1.