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# Datasheet for ABIN2748299

# **F11R ELISA Kit**



## Overview

Quantity:	96 tests
Target:	F11R
Reactivity:	Rat
Method Type:	Sandwich ELISA
Application:	ELISA

Product Details	
Purpose:	Custom Rat Junctional Adhesion Molecule A (F11R / CD321 / JAM1) ELISA Kit.
Sample Type:	Cell Culture Supernatant, Cell Lysate, Plasma, Serum, Tissue Lysate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	The antibody pair provided in this kit recognizes Rat Junctional Adhesion Molecule A (F11R / CD321 / JAM1)
Characteristics:	<ul> <li>Strip plates and additional reagents allow for use in multiple experiments</li> <li>Quantitative protein detection</li> <li>Establishes normal range</li> <li>The best products for confirmation of antibody array data</li> </ul>
Components:	<ul> <li>Pre-Coated 96-well Strip Microplate</li> <li>Wash Buffer</li> <li>Stop Solution</li> <li>Assay Diluent(s)</li> <li>Lyophilized Standard</li> </ul>

## **Product Details**

- · 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:	F11R
Alternative Name:	JAM-A (F11R Products)
Background:	Junctional Adhesion Molecule A (F11R / CD321 / JAM1)
Gene ID:	116479
UniProt:	Q9JHY1
Pathways:	Cell-Cell Junction Organization

# **Application Details**

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 μL 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**

Assay Procedure:	Prepare all reagents, samples and standards as instructed in the manual. Add 100 $\mu L$ of
	standard or sample to each well.Incubate 2.5 h at RT or O/N at 4 $^{\circ}\text{C.Add}$ 100 $\mu\text{L}$ of prepared
	biotin antibody to each well.Incubate 1 h at RT.Add 100 $\mu L$ of prepared Streptavidin solution to
	each well.Incubate 45 min at RT.Add 100 µL of TMB One-Step Substrate Reagent to each
	well.Incubate 30 min at RT.Add 50 $\mu L$ of Stop Solution to each well.Read at 450 nm
	immediately.
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