

[Go to Product page](#)

Datasheet for ABIN6951568 HSD17B14 IQ-ELISA Kit

Overview

Quantity:	96 tests
Target:	HSD17B14
Reactivity:	Human
Method Type:	DNA-Binding ELISA
Detection Range:	1.22 pg/mL - 5000 pg/mL
Minimum Detection Limit:	1.22 pg/mL
Application:	ELISA

Product Details

Purpose:	Human Immunoquantitative (PCR-Based) HSD17B14 ELISA Kit for cell culture supernatants, plasma, and serum samples.
Sample Type:	Cell Culture Supernatant, Plasma, Serum
Analytical Method:	Quantitative
Detection Method:	qPCR
Components:	<ul style="list-style-type: none">• HSD17B14 Microplate (Item A): 96 well PCR plate coated with anti-Human HSD17B14• Wash Buffer I Concentrate (20x) (Item B): 25 ml of 20x concentrated solution• Standards (Item C): 2 vials of recombinant Human HSD17B14• Assay Diluent A (Item D): 30 ml diluent buffer, 0.09% sodium azide as preservative. For Standard/Sample (serum/plasma) diluent• Assay Diluent B (Item E): 15 ml of 5x concentrated buffer. For Standard/Sample (cell culture medium/urine) diluent• Detection Affinity Reagent for HSD17B14 (Item F): 2 vials of a 4x concentrated solution of

Product Details

anti-Human HSD17B14 affinity reagent

- IQELISA Detection Reagent (Item G): 1.4ml of a 10x concentrated stock
- Primer Solution (Item I): 1.7 ml vial
- PCR Master Mix (Item J): 1.2 ml vial
- PCR Preparation buffer (Item K): 1 ml vial of 10x concentrated buffer
- Final Wash Buffer (Item L): 10ml vial of 10x concentrated buffer

Material not included:

- Real-time PCR instrument, Bio-Rad recommended
- Precision pipettes to deliver 2 µL to 1 mL volumes
- Adjustable 1-25 mL pipettes for reagent preparation
- 100 mL and 1 liter graduated cylinders
- Absorbent paper
- Distilled or deionized water
- Log-log graph paper or computer and software for data analysis
- Tubes to prepare standard or sample dilutions
- Heating block or water bath capable of 80°C

Target Details

Target: HSD17B14

Alternative Name: HSD17B14 ([HSD17B14 Products](#))

Gene ID: 51171

UniProt: [Q9BPX1](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Plate: Pre-coated

Protocol:

1. Prepare all reagents, samples and standards as instructed
2. Add 25 µL standard or sample to each well. Incubate for 2.5 hours at room temperature or overnight at 4°C
3. Add 25 µL detection affinity reagent to each well. Incubate 1 hour at room temperature
4. Add 25µL of IQELISA Detection Reagent to each well. Incubate 1 hour
5. Add 15µL Primer solution 10µL of PCR master mix to each well
6. Run real-time PCR

Reagent Preparation: Recommended Dilution for serum and plasma samples 2 - 20 fold

Restrictions: For Research Use only

Handling

Expiry Date: 6 months