

Datasheet for ABIN2703330

Midkine ELISA Kit**1** Image[Go to Product page](#)

Overview

Quantity:	96 tests
Target:	Midkine (MDK)
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	0.12-30 ng/mL
Minimum Detection Limit:	0.12 ng/mL
Application:	ELISA

Product Details

Purpose:	Human Midkine ELISA Kit for cell culture supernatants, plasma, and serum samples.
Sample Type:	Cell Culture Supernatant, Plasma, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Cross Reactivity: This ELISA kit shows no cross-reactivity with the following cytokines tested: Human ADAM12, ADAM8, B7-H3, BMPR-IB, Cadherin-13, Cadherin-4, CD155, CD229, CD48, CD58, CD84, CD99, CEACAM-5, CF XIV, Cystatin A, Cystatin B, Cystatin E/M, Desmoglein 2, DR3, ErbB4, ESAM, FGF-21, Galectin-2, Galectin-9, ICOS, JAM-A, JAM-B, Kallikrein 5, Midkine, Pentraxin 3, Pref-1, Siglec-10, SLAM, SP-D, Syndecan-4, Testican 2, TIM-3, TLR4, TRAIL, ULBP-1
Sensitivity:	0.12 ng/mL
Characteristics:	<ul style="list-style-type: none">• Strip plates and additional reagents allow for use in multiple experiments

Product Details

- Quantitative protein detection
- Establishes normal range
- The best products for confirmation of antibody array data

Components:	<ul style="list-style-type: none">• Pre-Coated 96-well Strip Microplate• Wash Buffer• Stop Solution• Assay Diluent(s)• Lyophilized Standard• Biotinylated Detection Antibody• Streptavidin-Conjugated HRP• TMB One-Step Substrate
-------------	--

Material not included:	<ul style="list-style-type: none">• 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:	Midkine (MDK)
Alternative Name:	Midkine (MDK Products)
Background:	Gene Names: MDK MK1 NRGF2 Protein names: Midkine (MK) (Amphiregulin-associated protein) (ARAP) (Midgestation and kidney protein) (Neurite outgrowth-promoting factor 2) (Neurite outgrowth-promoting protein)
Gene ID:	4192
UniProt:	P21741
Pathways:	RTK Signaling , M Phase , Skeletal Muscle Fiber Development

Application Details

Application Notes:	Recommended Dilution for serum and plasma samples 2 fold
Sample Volume:	100 μ L
Plate:	Pre-coated

Application Details

Protocol:	<ol style="list-style-type: none">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 $^{\circ}$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.
-----------	--

Restrictions: For Research Use only

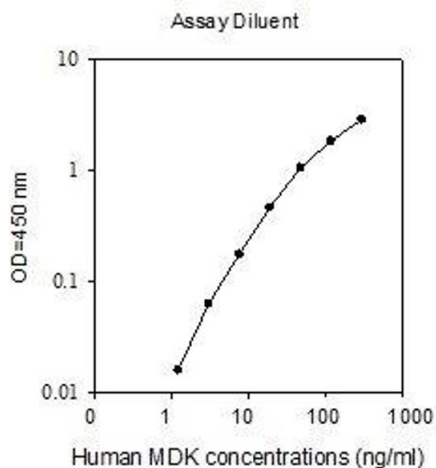
Handling

Storage: -20 $^{\circ}$ C

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

Expiry Date: 6 months

Images



ELISA

Image 1.