

Datasheet for ABIN5524166
Estradiol ELISA Kit



[Go to Product page](#)

1 Image

4 Publications

Overview

Quantity:	96 tests
Target:	Estradiol
Reactivity:	Rat
Method Type:	Competition ELISA
Detection Range:	0.7 ng/mL - 45 ng/mL
Minimum Detection Limit:	0.7 ng/mL
Application:	ELISA

Product Details

Purpose:	For quantitative detection in serum, plasma, tissue homogenates and other biological fluids.
Sample Type:	Plasma, Serum, Tissue Homogenate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	E2(Estradiol)
Sensitivity:	0.422 ng/mL
Components:	- ELISA Microplate - Lyophilized Standard - Sample / Standard Dilution Buffer - Biotin-labeled Antibody (Concentrated) - Antibody Dilution Buffer - HRP-Streptavidin Conjugate(SABC)

Product Details

- SABC Dilution Buffer
- TMB Substrate
- Stop Solution
- Wash Buffer (25X)
- Plate Sealer
- Product Description

Target Details

Target: Estradiol

Abstract: [Estradiol Products](#)

Background: E2(Estradiol)

Application Details

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

Comment: Competitive ELISA, Coated with Antigen

Sample Volume: 50 µL

Plate: Pre-coated

Restrictions: For Research Use only

Handling

Storage: 4 °C

Storage Comment: 4 °C for 6 months

Expiry Date: 6 months

Publications

Product cited in: Maity, Perveen, Dash, Jana, Khatun, Dey, Mandal, Chattopadhyay: "Arjunolic Acid Improves the Serum Level of Vitamin B12 and Folate in the Process of the Attenuation of Arsenic Induced Uterine Oxidative Stress." in: **Biological trace element research**, Vol. 182, Issue 1, pp. 78-90, (2018) ([PubMed](#)).

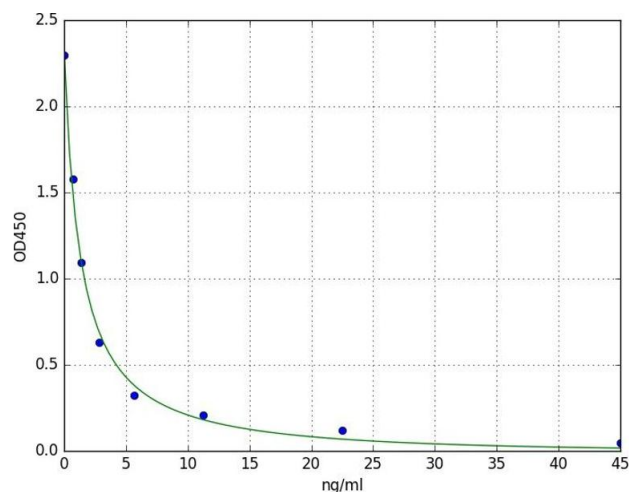
Dash, Maity, Dey, Perveen, Khatun, Jana, Chattopadhyay: "The consequence of NAC on sodium

arsenite-induced uterine oxidative stress." in: **Toxicology reports**, Vol. 5, pp. 278-287, (2018) ([PubMed](#)).

Sugantha Priya, Sathish Kumar, Balaji, Bavithra, Raja Singh, Sakthivel, Ravi Sankar, Arunakaran: "Lactational exposure effect of polychlorinated biphenyl on rat Sertoli cell markers and functional regulators in prepuberal and puberal F1 offspring." in: **Journal of endocrinological investigation**, Vol. 40, Issue 1, pp. 91-100, (2017) ([PubMed](#)).

Chattopadhyay, Khatun, Maity, Jana, Perveen, Dash, Dey, Jana, Maity: "Association of Vitamin B12, Lactate Dehydrogenase, and Regulation of NF- κ B in the Mitigation of Sodium Arsenite-Induced ROS Generation in Uterine Tissue by Commercially Available Probiotics." in: **Probiotics and antimicrobial proteins**, (2017) ([PubMed](#)).

Images



ELISA

Image 1. A typical standard curve