

ARG80862 Human Estriol ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG80862 Human Estriol ELISA Kit is an enzyme immunoassay kit for the quantification of free estriol in saliva.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	Estriol
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	1.4 pg/ml
Sample Type	Saliva.
Standard Range	2.5 - 4,000 pg/ml
Sample Volume	50 µl

Application Instructions

Assay Time	60, 30 min
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Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Full Name	Estriol
Background	<p>Estriol (also Oestriol) is one of the three main estrogens produced by the human body. It is only produced in significant amounts during pregnancy as it is made by the fetus.</p> <p>During pregnancy the production of estriol depends on an intact maternal-placental-fetal unit. Fetal-placental production of estriol leads to a progressive rise in maternal circulating levels reaching a late-gestational peak several orders of magnitude greater than non-pregnant levels. In the maternal circulation, estriol undergoes a rapid conjugation in the liver followed by urinary excretion with a half-life of about 20 minutes. Since normal estriol production depends on an intact maternal-placental-fetal circulation and functional fetal metabolism, maternal estriol levels have been used to monitor fetal status during pregnancy, particularly during the third trimester.</p> <p>Dehydroepiandrosterone-Sulfate (DHEA-S) is produced by the adrenal cortex of the fetus, this is converted to estriol by the placenta. If levels are abnormally low in a pregnant woman, this may</p>

indicate a problem with the development in the child. Levels of estriol in non-pregnant women do not change much after menopause, and levels are not significantly different from levels in men.

Highlight

Related products:

[Estriol antibodies](#); [Estriol ELISA Kits](#);

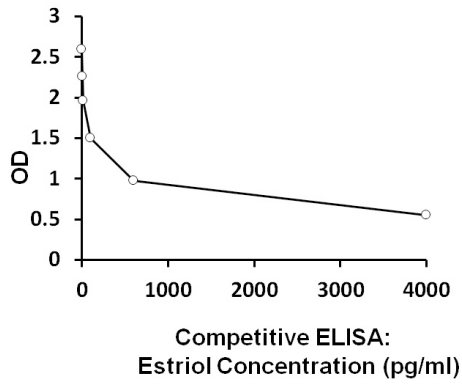
New ELISA data calculation tool:

[Simplify the ELISA analysis by GainData](#)

Research Area

Cell Biology and Cellular Response kit; Signaling Transduction kit

Images



ARG80862 Human Estriol ELISA Kit example of standard curve image

ARG80862 Human Estriol ELISA Kit results of a typical standard run with optical density reading at 450 nm.