



## Guinea pig CYP21A2 ELISA kit

<b>Cat. No.:</b>	OB0625WXX-562
<b>Assay Type:</b>	Quantitative ELISA
<b>Target Species:</b>	Guinea pig
<b>Assay Target:</b>	CYP21A2
<b>Size:</b>	48T; 96T

This product is for research use only and is not intended for diagnostic use.

### Product Overview

<b>Description</b>	Guinea pig CYP21A2 ELISA kit is an ELISA-based <i>in vitro</i> research tool designed specifically for the quantitative detection of CYP21A2 in guinea pigs with high specificity.
<b>Assay Principle</b>	The kit is based on CYP21A2 antibody-CYP21A2 antigen interaction (immunosorbent) and an HRP colorimetric detection system to detect CYP21A2 antigenic targets in samples.
<b>Background</b>	CYP21A2 belongs to the Cytochrome P450 family and is essential for the adrenal synthesis of mineralocorticoids and glucocorticoids. Deficiency of this enzyme is associated with certain diseases.
<b>Synonyms</b>	Cytochrome P450 family 21 subfamily A polypeptide 2; Steroid 21-hydroxylase; 21-OHase; EC 1.14.14.16
<b>EC NO.</b>	1.14.14.16
<b>Formula Weight</b>	52,597 Da
<b>Applications</b>	Guinea pig CYP21A2 ELISA kit is an important tool for the quantitative detection of CYP21A2 in various biological samples of guinea pig.
<b>Research Area</b>	Enzyme and Kinase; Metabolic pathway; Endocrinology; Hormone metabolism; Obesity research

### Specification

<b>Sample Type</b>	Guinea pig samples
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**Cross-reactivity**

No significant cross-reactivity or interference was observed.

**Storage**

Store at 2-8°C.