



## Duck hydroxy-delta-5-steroid dehydrogenase, 3 Beta- and steroid delta-isomerase 2 (HSD3B2) ELISA kit

<b>Cat. No.:</b>	0126WXX-393
<b>Assay Type:</b>	Quantitative ELISA
<b>Target Species:</b>	Duck
<b>Assay Target:</b>	HSD3B2
<b>Size:</b>	1 kit

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

### Product Overview

<b>Description</b>	Duck hydroxy-delta-5-steroid dehydrogenase, 3 Beta- and steroid delta-isomerase 2 (HSD3B2) ELISA kit is an ELISA-based <i>in vitro</i> research tool designed specifically for the quantitative detection of HSD3B2 in duck samples. The kit is highly sensitive and easy to use.
<b>Assay Principle</b>	The ELISA analytical biochemical technique is based on HSD3B2 antibody-HSD3B2 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect HSD3B2 antigen targets in samples.
<b>Background</b>	HSD3B2 is a dual-function enzyme localized to the endoplasmic reticulum and mitochondrial membranes, playing a crucial role in steroid hormone metabolism. It exhibits a potential association with obesity and may exert an influence on metabolic balance and obesity risk.
<b>Synonyms</b>	SDR11E2; 3 Beta-hydroxysteroid dehydrogenase/delta 5-->4-isomerase type II; 3 Beta-hydroxysteroid dehydrogenase/delta 5-->4-isomerase type 2; Short chain dehydrogenase/reductase family 11E, member 2; 3-Beta-HSD adrenal and gonadal type; 3-Beta-HSD II; 3 Beta-hydroxysteroid dehydrogenase type II, Delta 5-delta 4-isomerase type II, 3 Beta-HSD type II; 3-Beta-hydroxy-delta(5)-steroid dehydrogenase; 3 -Beta-hydroxy-5-ene steroid dehydrogenase; Delta 5-Delta 4-isomerase type II; Progesterone reductase; 3 Beta-HSD type II; EC:1.1.1.145
<b>EC NO.</b>	EC:1.1.1.145
<b>Formula Weight</b>	24,987 Da



**Applications**

Duck hydroxy-delta-5-steroid dehydrogenase, 3 Beta- and steroid delta-isomerase 2 (HSD3B2) ELISA kit is used to quantify HSD3B2 in duck samples, providing data to support research in a wide range of areas, including enzyme & kinase, metabolism, obesity, and others.

**Research Area**

Enzyme & kinase; Metabolism; Obesity

**Specification**

**Sample Type**

Duck samples

**Cross-reactivity**

No significant cross-reactivity or interference was observed.

**Storage**

Store at 2-8°C.