

ARG83535

arigoQIK™ Human Prolactin ELISA Development Kit

Package: 1 kit(5 plates), 1 kit
(15 plates)
Store at: 4°C, -20°C

Summary

Product Description

ARG83535 arigoQIK™ Human Prolactin ELISA Development Kit, includes Capture antibody, Detection antibody, Standard, and HRP-Streptavidin Solution. This ELISA Development Kit is designed for the development of sandwich ELISA to measure Human Prolactin in serum, plasma and cell culture supernatants.

For other reagents required for [arigoQIK™ ELISA Development Kit](#), please refer [ARG83524 Integral Reagent Kit \(ELISA Development Kit\)](#)

[More about arigoQIK™:](#)

- Optimized capture and detection antibody pairs
- Reduced incubation time and wash cycles
- 2-hour quicker than conventional ELISA process
- 5- and 15-plate packages available

Tested Reactivity

Hu

Tested Application

ELISA

Target Name

Prolactin

Conjugation

HRP

Conjugation Note

Substrate: TMB and read at 450 nm.

Sensitivity

19.53 pg/ml

Sample Type

Serum, plasma and cell culture supernatants.

Standard Range

39.06 - 2500pg/ml

Sample Volume

50 µl

Alternate Names

PRL; Prolactin; Decidual Prolactin; Growth Hormone A1; GHA1

Properties

Storage instruction

Store components at 4°C or -20°C. 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 Symbol

PRL

Gene Full Name

Prolactin

Background

This gene encodes the anterior pituitary hormone prolactin. This secreted hormone is a growth regulator for many tissues, including cells of the immune system. It may also play a role in cell survival by suppressing apoptosis, and it is essential for lactation. Alternative splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, Aug 2011]

Function

Prolactin acts primarily on the mammary gland by promoting lactation. [UniProt]

Highlight

Related news:

[arigoQIK, DIY your sandwich ELISA kits;](#)

PTM

Disulfide bond, Glycoprotein, Phosphoprotein. [UniProt]

Cellular Localization

Secreted. [UniProt]