

## 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

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## 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]