

## ARG83774

### arigoQIK® Human Pentraxin 3 ELISA Development Kit

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

#### Summary

**Product Description** ARG83774 arigoQIK® Human Pentraxin 3 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 Pentraxin 3 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	Pentraxin 3
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	39.06 pg/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	78.13 - 5000 pg/ml
Sample Volume	50 µL
Alternate Names	TNFAIP5; TSG-14; Tumor necrosis factor alpha-induced protein 5; Pentaxin-related protein PTX3; Pentraxin-related protein PTX3; Tumor necrosis factor-inducible gene 14 protein; TNF alpha-induced protein 5

#### 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	PTX3
Gene Full Name	pentraxin 3, long
Background	This gene encodes a member of the pentraxin protein family. The expression of this protein is induced by inflammatory cytokines in response to inflammatory stimuli in several mesenchymal and epithelial cell types, particularly endothelial cells and mononuclear phagocytes. The protein promotes fibrocyte differentiation and is involved in regulating inflammation and complement activation. It also plays a role in angiogenesis and tissue remodeling. The protein serves as a biomarker for several inflammatory

conditions. [provided by RefSeq, Jun 2016]

**Function**

Plays a role in the regulation of innate resistance to pathogens, inflammatory reactions, possibly clearance of self-components and female fertility. [UniProt]

**Highlight**

Related news:

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

**PTM**

Glycosylated. [UniProt]