

# Certificate of Analysis

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Product: Monkey TNF- $\alpha$  ELISA kit

Lot. no.: 22-28-12-23

Catalog no.: CT148A

Format: 5-plate

Expiry date: 03-2019

This certifies that this product, manufactured by U-CyTech biosciences, is subject to the highest standards of quality at every level of production. From the processing phase to the finished product, all components of each manufacturing lot are fully traceable and produced in a controlled environment.

## List of Components

Kit component	Lot no.	Quantity/kit	Appearance	Expiry date
Coating antibody*	mO-23-44-22	1 vial	Lyophilized (white powder)	03-2020
Standard*	cR-24-44-28	5 vials	Lyophilized (white powder)	03-2019
Detector antibody*	mB-25-44-12	1 vial	Lyophilized (white powder)	03-2020
TMB substrate solution	00-120-08	2 vials (2x 30 ml)	Clear colorless solution	10-2019
Stop solution	00-121-10	2 vials (2x 30 ml)	Clear colorless solution	08-2019
BSA stock solution*	00-83-116	2 vials (2x 12 ml)	Clear light-yellow solution	05-2019
CSB*	00-88-35	1 vial (5 ml)	Clear light-yellow solution	01-2021
Tween-20	00-84-49	1 vial (5 ml)	Clear light-yellow solution	06-2020
SPP conjugate*	00-85-85	1 vial	Lyophilized (white powder)	07-2020
ELISA plate (96-well)	E1703397	4x 2 plates	Transparent polystyrene plate	02-2021
Adhesive cover slips	NA	10 slips	Clear adhesive foil with well-identification	NA

\* These reagents are filter-sterilized (0.2  $\mu$ m)

## Appearance

The appearances of the reagents in this product have found to be satisfactory.

## Assay performance

The reagents were tested in different quality control tests.

	Specifications	Results
Assay range	1-64 pg/ml	1-64 pg/ml
Lower limit of quantification	1 pg/ml	1 pg/ml
Intra-assay CV	$\leq 5\%$	1.8%
Blank (OD)	< 0.3	0.081

## Guarantee

The stability of unopened/undamaged vials is guaranteed until the expiry date that is indicated on the kit components when stored under the recommended conditions (indicated on the items).



Q.A. approved

By: Dr. P.H. van der Meide  
 Date: January 13, 2018