

# Certificate of Analysis

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**Product:** Monkey IgG B cell ELISPOT kit

**Catalog no.:** CT785-PR5 **Lot no.:** 07-04-83-08

**Expiry date:** 10-2018

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*	pO-28-68-07	1 vial	Lyophilized (white powder)	12-2021
Detector antibody*	pB-29-68-04	1 vial	Lyophilized (white powder)	03-2021
Streptavidin-HRP conjugate*	00-95-83	1 vial	Lyophilized (white powder)	03-2022
Blocking stock solution*	00-123-46	1 vial (10 ml)	Clear light-yellow solution	11-2018
Dilution buffer R*	00-94-32	1 vial (10 ml)	Clear light-yellow solution	01-2019
Tween-20	00-84-48	1 vial (5 ml)	Clear light-yellow solution	06-2019
AEC stock solution	00-92-37	1 vial (4 ml)	Clear light-yellow solution	03-2019
Substrate buffer capsules	00-87-35	1 vial (5 capsules)	White powder	07-2020
R848*	00-101-08	1 vial (0.25 ml)	Clear colorless solution	10-2018
Recombinant IL-2*	00-113-04	1 vial	Lyophilized (white powder)	12-2019

\* These reagents are filter-sterilized (0.2 µm)

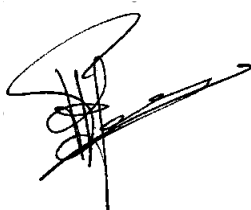
## Appearance

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

## Assay performance

The reagents were tested in different quality control tests using PBMC cultures at  $5 \times 10^4$  cells/well stimulated with R848 & recombinant IL-2 for 3 days during preincubation followed by an ELISPOT incubation of 24 hours without stimuli.

	Specifications	Result
Background staining	Low, medium high	Low
Average number of cells (stimulated wells)	50-300 spots	160 spots
Appearance of spots	Sharp-edged	Sharp-edged
Range spot size	500 - 5,000,000 µm <sup>2</sup>	500 - 5,000,000 µm <sup>2</sup>



Q.A. approved

By: Dr. P.H. van der Meide

Date: April 6, 2017