

# Certificate of Analysis

**Product:** Mouse IFN- $\gamma$  T cell ELISPOT kit

Catalog no.: CT317-PB5 Lot no.: 55-59-81-20 Expiry date: 04-2022

Country of origin: The Netherlands

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. The product is stored in temperature-controlled conditions, which assure that its quality is maintained.

## List of components

Component	Lot no.	Quantity	Appearance	Expiry date
Coating antibody*	mO-41-59-55	1 vial	Lyophilized (white powder)	02-2025
Detector antibody*	pB-42-43-59	1 vial	Lyophilized (white powder)	11-2024
GABA conjugate*	00-82-81	1 vial	Lyophilized (white powder)	06-2024
Blocking stock solution*	00-123-52	1 vial (10 ml)	Clear light-yellow solution	04-2022
Dilution buffer B*	00-97-44	1 vial (8 ml)	Clear light-yellow solution	08-2022
Tween-20	00-84-51	1 vial (5 ml)	Clear light-yellow solution	07-2022
Activator I	00-81-40	1 vial (9.5 ml)	Clear colorless solution	06-2022
Activator II	00-81-40	1 vial (9.5 ml)	Clear colorless solution	06-2022

\* These reagents are filtered-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 quality control tests using PBMC cultures at  $2 \times 10^5$  cells/well without stimulation and at  $5 \times 10^4$  cells/well stimulated with 50 ng/ml PMA and 1  $\mu$ g/ml ionomycin for 24 hours.

	Specifications	Results
Background staining	Low	Low
Mean number of spots (unstimulated wells)	< 20	5
Mean number of spots (polyclonal stimulated wells)	25-300	50
Appearance of spots	Sharp-edged	Sharp-edged
Range spot size ( $\mu$ m <sup>2</sup> )	500 - 5,000,000	500 - 500,000

Q.A. Approved



By: Dr. P.H. van der Meide  
 Date: November 02, 2020