

Certificate of Analysis

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Product: Human IL-10 T cell ELISPOT kit

Catalog no.: CT235-T5

Lot no.: 105-53-75-12

Expiry date: 02-2019

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-11-10-105	1 vial	Lyophilized (white powder)	05-2019
Detector antibody*	mB-12-10-53	1 vial	Lyophilized (white powder)	10-2022
GABA conjugate*	00-82-75	1 vial	Lyophilized (white powder)	02-2022
Blocking stock solution*	00-123-47	1 vial (10 ml)	Clear light-yellow solution	06-2019
Dilution buffer T*	00-77-16	1 vial (8 ml)	Clear light-yellow solution	02-2019
Tween-20	00-84-48	1 vial (5 ml)	Clear light-yellow solution	06-2019
Activator I	00-81-39	1 vial (9.5 ml)	Clear colorless solution	11-2020
Activator II	00-81-39	1 vial (9.5 ml)	Clear colorless solution	11-2020
ELISPOT plate (96-well)	PR.1672	6 plates	Transparent polystyrene plate	NA
Adhesive cover slips	NA	10 slips	Clear adhesive foil with well-identification	NA

* These reagents are filter-sterilized (0.2 µm)

Appearance

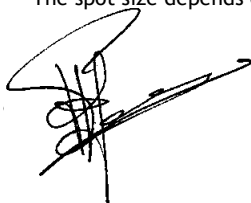
The appearances of the reagents in this product have found to be satisfactory.

Assay performance

The reagents were tested in different quality control tests using PBMC cultures at 2×10^5 cells/well without stimulation and at 1×10^5 cells/well stimulated with PMA (50 ng/ml) & ionomycin (1 µg/ml) for 24 hours.

	Specifications	Result
Background staining	Low	Low
Average number of cells (unstimulated wells)	< 40 spots	35 spot
Average number of cells (stimulated wells)	50-300 spots	80 spots
Appearance of spots	Sharp-edged	Sharp-edged
Range spot size**	500 - 5,000,000 µm ²	500 - 50,000 µm ²

** The spot size depends on the length of the (pre)incubation step. A short incubation time lead to smaller spots.



By: Dr. P.H. van der Meide

Q.A. approved

Date: October 23, 2017