Meso Scale Diagnostics, LLC.

CERTIFICATE OF ANALYSIS

Product Description: V-PLEX® and V-PLEX Plus Human TARC Kit

Kit Catalog Numbers: K151NT-Series; K156NT-Series

Kit Lot Number: K0081269

Expiration Date: 31 Dec 2020

Acceptance Data/ Percent Recovery Specifications:

Spot	Name	Calibrator		Chemokine Panel 1 (human) Control 1		Chemokine Panel 1 (human) Control 2		Chemokine Panel 1 (human) Control 3	
		Recovery	CV	Recovery	CV	Recovery	CV	Recovery	CV
1	TARC	80% - 120%	< 20%	80% - 120%	< 20%	80% - 120%	< 20%	80% - 120%	< 20%

Spot	Name	LLOQ			ULOQ		
		Value	Recovery	CV	Value	Recovery	CV
1	TARC	3.32	80% - 120%	< 20%	1120	80% - 120%	< 20%

Stock Concentration of Material Tested :

Spot	Name	Item	Conc	Units
1	TARC	Calibrator	1870	pg/mL
		Chemokine Panel 1 (human) Control 1	1300	pg/mL
		Chemokine Panel 1 (human) Control 2	216	pg/mL
		Chemokine Panel 1 (human) Control 3	37	pg/mL

Controls tested may not be the same lot as shipped.

Standard Curve Data:

TARC - Spot 1		
Conc. pg/mL	ECL Signal	% CV
1870	408,000	3.6
468	102,000	4.5
117	24,800	5.8
29.2	6,410	7.7
7.30	1,660	4.1
1.83	456	6.5
0.457	159	3.5
0.00	57	5.3

Components:

Description	Lot Number	Storage Temperature	Expiration Date
Human TARC Plate	Z0047122	2-8°C	31 Dec 2021
Anti-hu TARC Antibody	D0081261	2-8°C	31 Aug 2022
Chemokine Panel 1 (human) Calibrator Blend	A0080204	2-8°C	30 Apr 2024
Diluent 43	M0430027	≤ -10°C	31 Dec 2020
Diluent 3	M0030084	≤ -10°C	31 Jan 2021
MSD Read Buffer T	Not Kit Specific	Not Kit Specific	N/A

Additional Components Included in V-PLEX Plus	
MSD Wash Buffer (20X), 100 mL	Not Kit Specific
Plate Seals	Not Kit Specific
Chemokine Panel 1 (human) Control 1	Not Kit Specific
Chemokine Panel 1 (human) Control 2	Not Kit Specific
Chemokine Panel 1 (human) Control 3	Not Kit Specific

Statement:

The above product is intended for Research Use Only. Not for use in Diagnostic Procedures.

	Name	Function	Signature	Date
Review/Approval	Karen Hamilla	Quality	*Karen Hamilla*	05 SEP 2019