CERTIFICATE OF ANALYSIS: TITRATION PLATES

COA - 9135

Product Description: MSD GOLD™ 96-well Streptavidin SECTOR® Plate
Catalog #: L15SA-1 (1 plate); L15SA-2 (5 plate); L15SA-5 (30 plate); L15SA-6 (120 plate); L15SA-7 (510 plate)
Lot Number: Z0021388
Expiration date: 30Apr2020
Statement: This product was manufactured and tested according to approved MSD Standard Operating Procedures.

This product has an approximate binding capacity of 0.3 pmoles of biotinylated IgG. For optimal assay results, the amount of biotinylated reagent used in the assay should not exceed this binding capacity.

Titration plates were tested using tagged BTI lot: R0010578

Concentration of SULFO-TAG™ Labeled Biotinylated IgG (BTI)	Referenced Signal	Pass/Fail?
6 nM (0.3 pmole)	66,097 counts ± 15%	Pass
4 nM (0.2 pmole)	50,830 counts ± 15%	Pass
2 nM (0.1 pmole)	25,531 counts ± 15%	Pass
0 nM (0.0 pmole)	Not to exceed 100 counts	Pass

Concentration of SULFO-TAG™ Labeled Biotinylated IgG (BTI)	Intraplate CV or SD spec	Pass/Fail?
6 nM (0.3 pmole)	10%	Pass
4 nM (0.2 pmole)	10%	Pass
2 nM (0.1 pmole)	10%	Pass
0 nM (0.0 pmole)	15 count SD	Pass

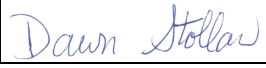
CERTIFICATE OF ANALYSIS: UNIFORMITY PLATES

COA - 9135

This product has an approximate binding capacity of 0.3 pmoles of biotinylated IgG. For optimal assay results, the amount of biotinylated reagent used in the assay should not exceed this binding capacity.

Metric	Specification	Pass/Fail?
Mean Intraplate CV	≤ 6%	Pass
Intraplate CVs	≤ 8% for at least 91.5% of plates	Pass
Number of plates with intraplate CV >12%	0 plates	Pass
Interplate CV	≤ 8%	Pass
Plates where signal > 20% from plate mean occurs in same well on multiple plates	0 plates	Pass
Wells with signal > 50% from plate mean	0 plates	Pass
Median signal for concentric rings, min to max range	≤ 10% for all plates	Pass
Median signal for columns, min to max range	≤ 10% for at least 91.5% of plates	Pass
Median signal for columns, min to max range	≤ 15% for all plates	Pass
Median signal for rows, min to max range	≤ 10% for at least 91.5% of plates	Pass
Median signal for rows, min to max range	≤ 15% for all plates	Pass
Number of plates sampled (N)	Lot size dependent; see SOP 3-2000-6P0002	Pass

The above product is intended for research use only. Not for use in diagnostic procedures.

	Name	Function	Signature	Date
Review/Approval	Xiomara Talavera	Quality Control		19 JAN 2018
Review/Approval	Dawn Stollar	Quality Assurance		19 JAN 2018