

CERTIFICATE OF ANALYSIS

Product: Methionine Adenosyltransferase (MAT) Assay Kit 3

Catalog Number: IK00403

Lot Number: Lot# 482440

MAT Assay Plate: Lot# 482440 as in IK00203

HRP-anti-SAM Antibody: Lot# 421212

Quality Release Date: December 23, 2016

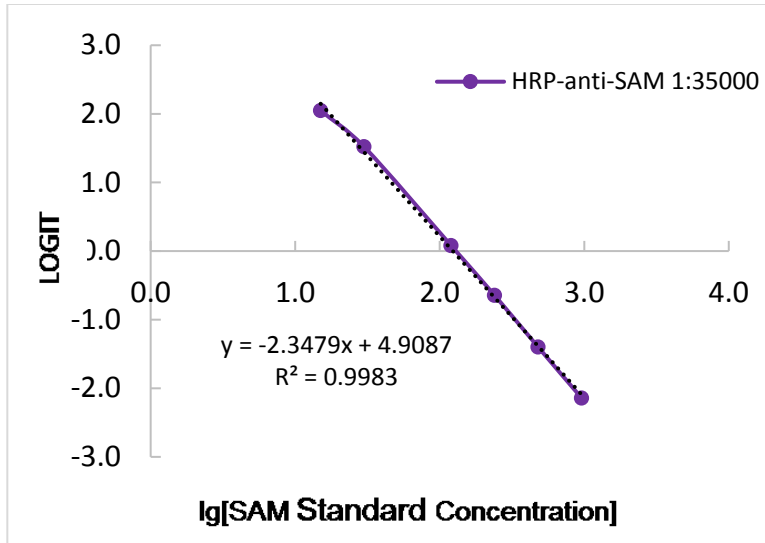
Components	Specification
HRP-antibody Diluents	Tested Lot # 482440
Sample Diluents	Tested Lot # 482440
TMB Substrate	Tested Lot # 482440
Stop Solution	Tested Lot # 482440
SAM Standards	Tested Lot # 480218
Wash Solution (20×)	Tested Lot # 482440

Perform cELISA per IK00403 instruction with samples and quality control. The standard curve was obtained.

Table OD₄₅₀ of Standards with HRP-anti-SAM Lot# 421212 diluted as shown

SAM Standard(nM)	1:350,000
0	2.42245
15	2.1454
30	1.98755
120	1.25885
240	0.83305
480	0.47905
960	0.2543

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LOGIT = $\ln(A/A_{s0}/(1-A/A_{s0}))$, where A_{s0} is OD450 when no antigen was added.

Jimmy Li
Quality Control Team

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