

CERTIFICATE OF ANALYSIS

Product: Methionine Adenosyltransferase (MAT) Assay Kit

Catalog Number: IK00401

Lot Number: Lot# 452408

MAT Assay Plate: Lot# 452408

HRP-anti-SAM Antibody: Lot# 421212

Quality Release Date: December 10, 2015

Components	Specification
HRP-antibody Diluents	Tested Lot # 452408
Sample Diluents	Tested Lot # 452408
TMB Substrate	Tested Lot # 452408
Stop Solution	Tested Lot # 452408
SAM Standard	Tested Lot # 452408
Wash Solution (20x)	Tested Lot # 452408

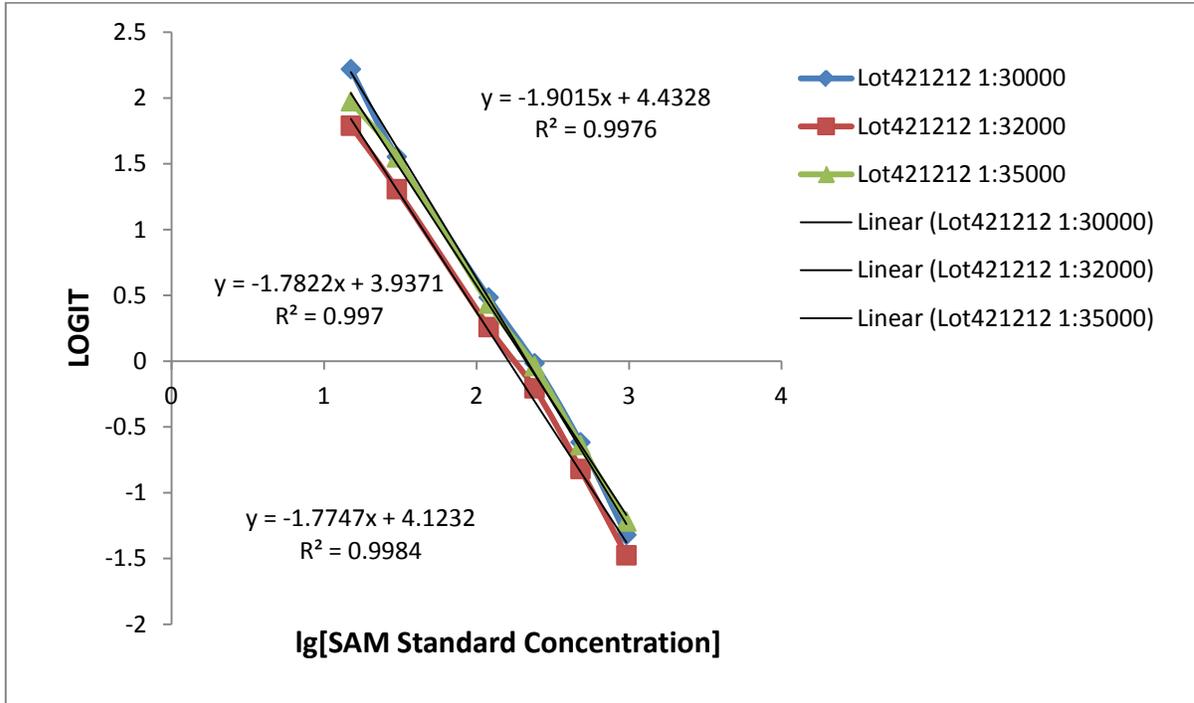
Perform cELISA per IK00401 instruction with samples and quality control. The standard curve was obtained.

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

SAM (nM)	30K	32K	35K
0	3.89550	3.61745	3.79270
15	3.51355	3.09955	3.33045
30	3.21530	2.84710	3.12750
120	2.41000	2.04135	2.30450
240	1.93220	1.62260	1.86040
480	1.36530	1.10640	1.31095
960	0.82075	0.67320	0.86515

Products are warranted to operate or perform substantially in conformance with published product data sheet in effect at the time of sale, as set forth in the product documentation, specifications and/or accompanying package inserts ("Documentation"). ArthusBiosystems warrants at the time of release, this product conformed information contained in this certificate of analysis. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to 6 months from date of shipment when the product is subjected to normal, proper and intended usage. The warranty extends only to the buyer of the product. Product is intended for research only and is not to be used for any other purpose, including unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to humans or animals.

LOGIT = $\ln(A/A_{S0}/(1-A/A_{S0}))$, where A_{S0} is OD450 when no antigen was added.




Jimmy Li
 Quality Control Team

Products are warranted to operate or perform substantially in conformance with published product data sheet in effect at the time of sale, as set forth in the product documentation, specifications and/or accompanying package inserts ("Documentation"). ArthusBiosystems warrants at the time of release, this product conformed information contained in this certificate of analysis. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to 6 months from date of shipment when the product is subjected to normal, proper and intended usage. The warranty extends only to the buyer of the product. Product is intended for research only and is not to be used for any other purpose, including unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to humans or animals.