

## 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 |

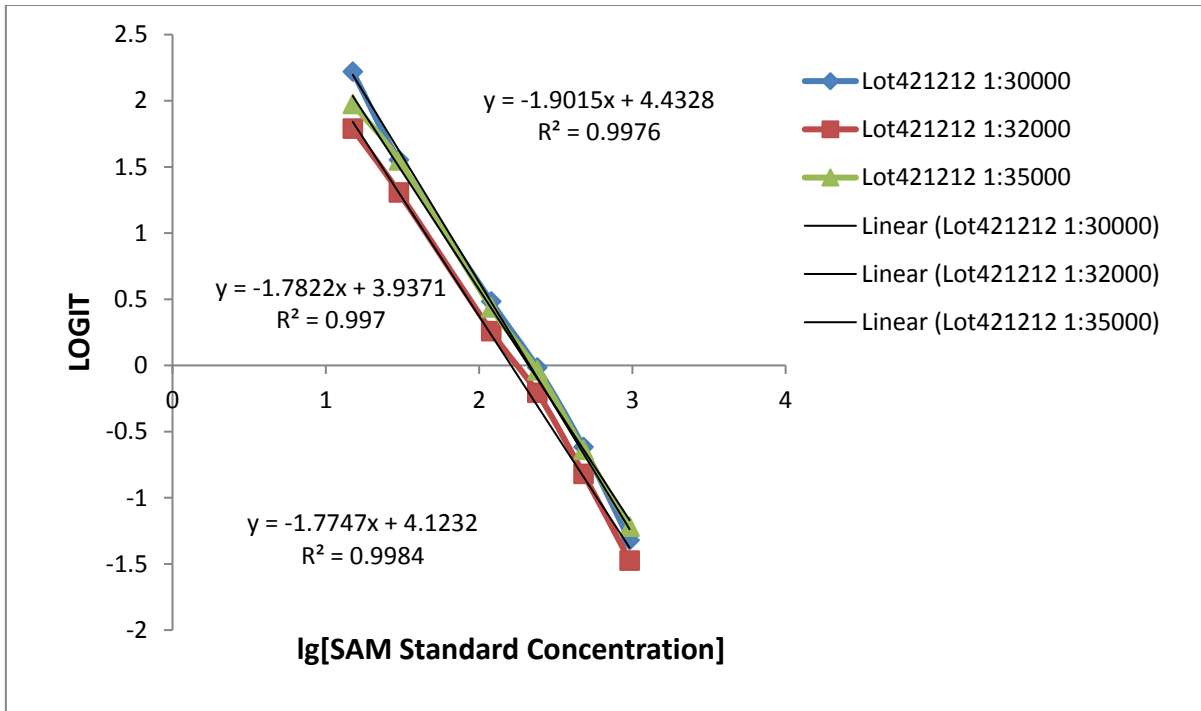
Perform cELISA per IK00401 instruction with samples and quality control. The standard curve was obtained.

**Table OD<sub>450</sub> 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 |

LOGIT =  $\ln(A/A_{S0}/(1-A/A_{S0}))$ , where  $A_{S0}$  is OD<sub>450</sub> when no antigen was added.

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"). Arthus Biosystems 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.



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"). Arthus Biosystems 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.