

## CERTIFICATE OF ANALYSIS

**Product:** S-Adenosylmethionine (SAM) ELISA kit

**Catalog Number:** IK00201

**Lot Number:**

SAM Assay Plate: Lot# 450630

HRP-anti-SAM Antibody: Lot# 421212

**Quality Release Date:** Apr 7, 2015

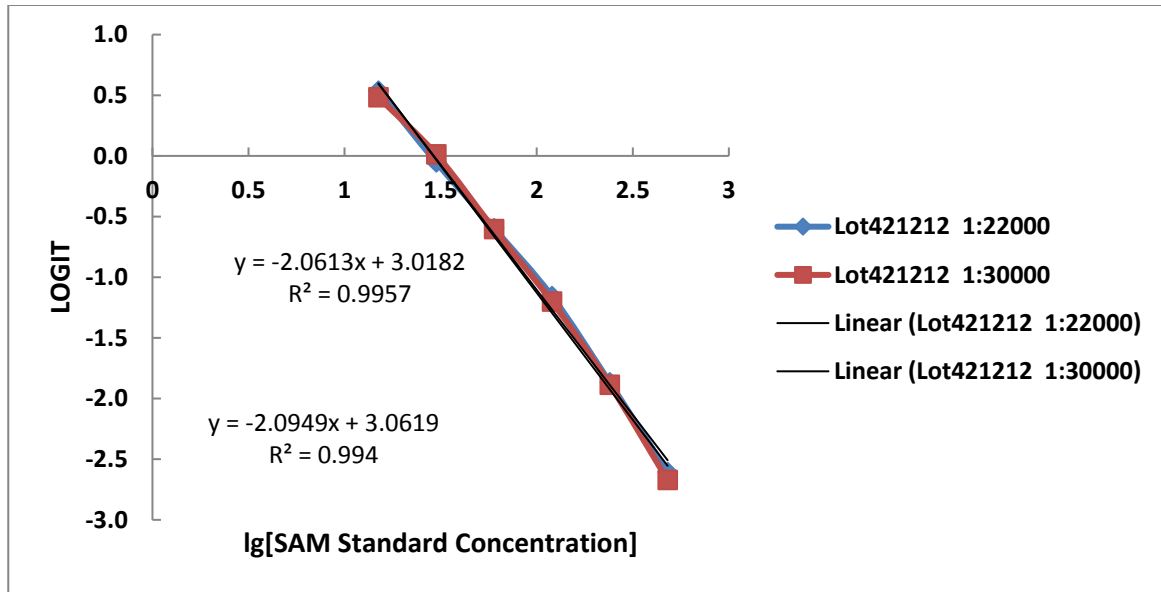
Components	Specification
HRP-antibody Diluents	Tested earlier Lot # 422204
Sample Diluents	Tested earlier Lot # 422204
TMB Substrate	Tested earlier Lot # 422204
Stop Solution	Tested earlier Lot # 422204
SAM Standard	Tested earlier Lot # 422204
Wash Solution (20x)	Tested earlier Lot # 422204

Perform cELISA per IK002001 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 Standard (nM)	22K	22K	30K	30K
0	3.3711	3.3649	2.7914	2.7067
15	2.0205	2.2674	1.7020	1.7355
30	1.7086	1.6210	1.4330	1.3811
60	1.2358	1.2200	1.0029	1.0028
120	0.8290	0.8601	0.6171	0.7288
240	0.4820	0.5070	0.4031	0.4050
480	0.2745	0.2817	0.2165	0.2299
Blank	0.0502	0.0486	0.0495	0.0523

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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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