

## CERTIFICATE OF ANALYSIS

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

**Catalog Number:** IK00201s

**Lot Number:**

SAM Assay Plate: Lot# 422404, Lot# 422204

HRP-anti-SAM Antibody: Lot# 421212

**Quality Release Date:** Dec 20, 2014

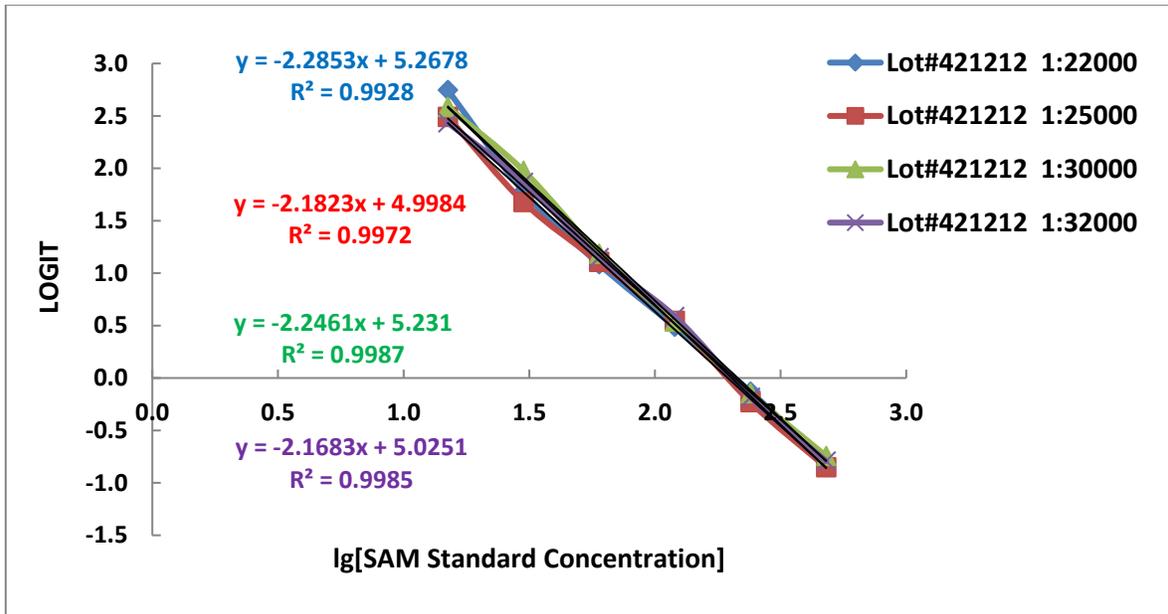
Components	Specification
HRP-antibody Diluents	Tested earlier Lot # 422204
Sample Diluents	Tested earlier Lot # 422204
TMB Substrate	Tested earlier Lot # 422204
Stop Solution	Tested earlier Lot # 422204
SAM Standard	Tested earlier Lot # 422204
Wash Solution (20x)	Tested earlier Lot # 422204

Perform cELISA per IK002001s instruction with plasma 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 Plasma Standard(nM)	22K	22K	25K	25K	30K	30K	32K	32K
0	3.4197	3.4297	3.5000	3.6005	3.1041	3.2291	3.3339	3.1465
15	3.4513	2.9912	3.2621	3.3021	2.8922	3.0039	2.9347	3.0327
30	3.0506	2.8235	3.0278	2.9708	2.7667	2.8077	2.8048	2.8231
60	2.5024	2.6418	2.7164	2.6442	2.3500	2.5214	2.4990	2.4484
120	2.1495	2.1329	2.2416	2.2874	1.8768	2.1561	2.0636	2.1415
240	1.6598	1.5943	1.5777	1.6201	1.4328	1.5534	1.4689	1.5365
480	1.0744	1.1124	1.0659	1.1271	0.9850	1.1195	1.0023	1.0975
Blank	0.0516	0.0493	0.0497	0.0489	0.0474	0.0478	0.0497	0.0658

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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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