

CERTIFICATE OF ANALYSIS

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

Catalog Number: IK00201s

Lot Number:

SAM Assay Plate: Lot# 451021

HRP-anti-SAM Antibody: Lot# 421212

Quality Release Date: May 30, 2015

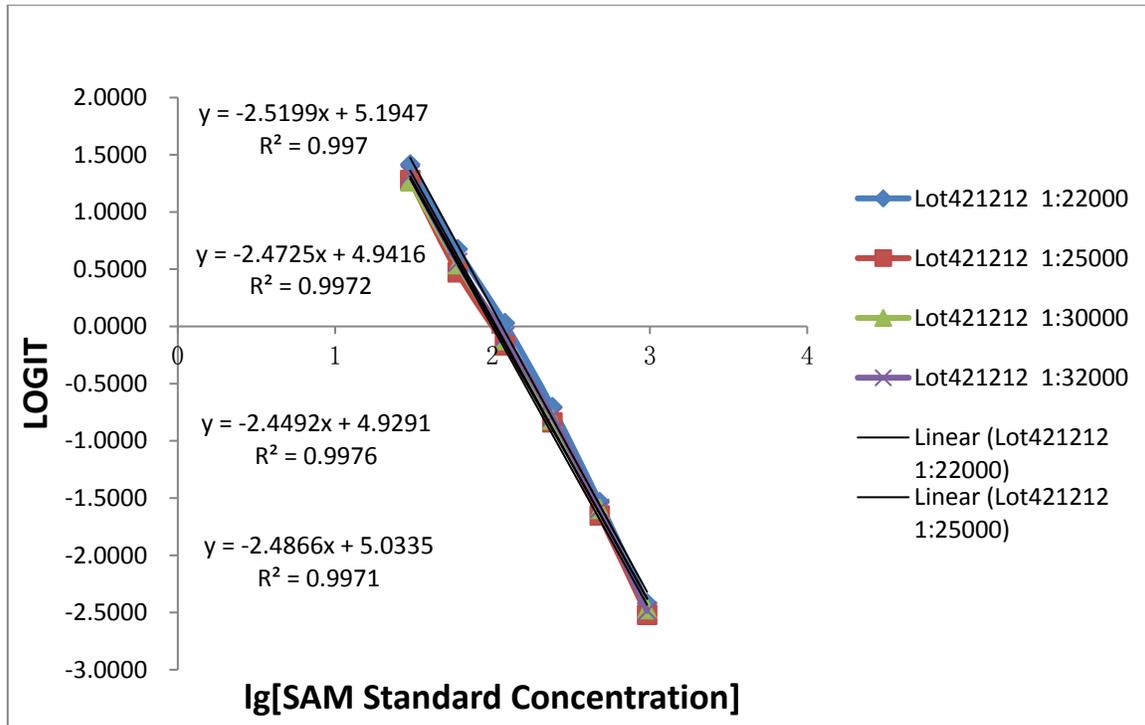
Components	Specification
HRP-antibody Diluents	Tested earlier Lot # 422204
Sample Diluents	Tested earlier Lot # 422204
TMB Substrate	Tested earlier Lot # 422204
Stop Solution	Tested earlier Lot # 422204
SAM Standard	Tested earlier Lot # 451018
Wash Solution (20x)	Tested earlier Lot # 422204

Perform cELISA per IK002001s instruction with plasma samples and quality control. The standard curve was obtained.

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

SAM Plasma Standard (nM)	22K	25K	30K	32K
0	3.1464	2.7847	2.45185	2.3345
30	2.5416	2.18885	1.9237	1.85285
60	2.10275	1.7334	1.56875	1.5014
120	1.6207	1.30245	1.1782	1.1391
240	1.07495	0.8737	0.78555	0.75895
480	0.5998	0.48765	0.45315	0.4304
960	0.30395	0.2511	0.23535	0.21885
Blank	0.0515	0.0476	0.048	0.0425

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

Jimmy Li
Quality Control Team

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