

CERTIFICATE OF ANALYSIS

Product: S-Adenosylmethionine (SAM) ELISA kit

Catalog Number: IK00201

Lot Number:

SAM Assay Plate: Lot# 422404, Lot# 422204

HRP-anti-SAM Antibody: Lot# 421212

Quality Release Date: December 19, 2014

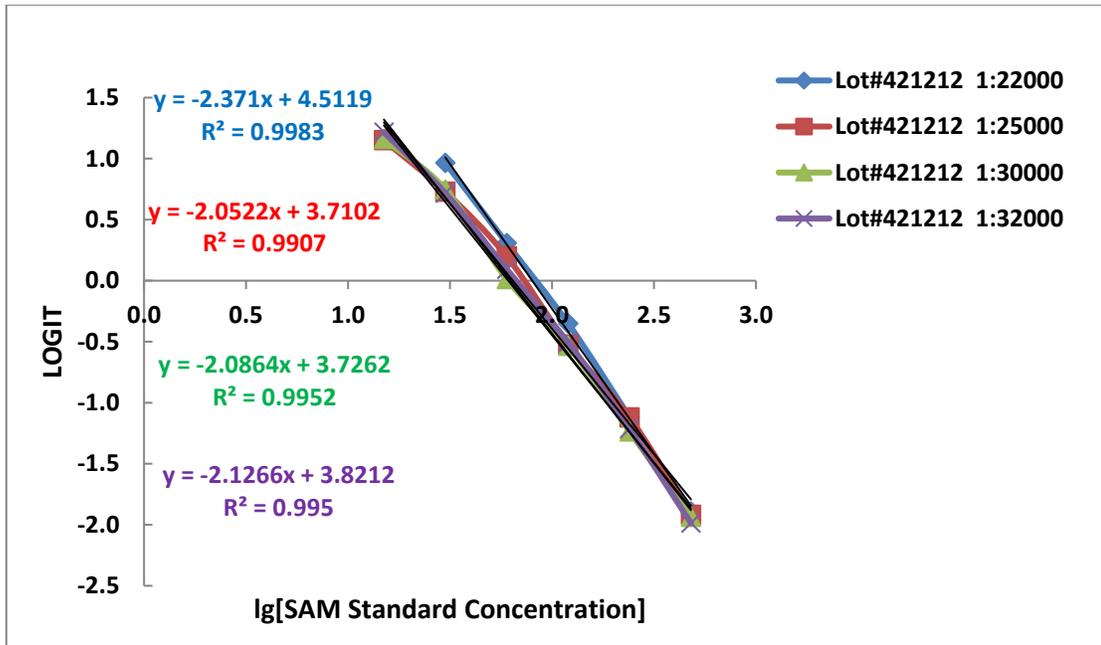
Components	Specification
HRP-antibody Diluents	Tested earlier Lot # 422204
Sample Diluents	Tested earlier Lot # 422204
TMB Substrate	Tested earlier Lot # 422204
Stop Solution	Tested earlier Lot # 422204
SAM Standard	Tested earlier Lot # 422204
Wash Solution (20x)	Tested earlier Lot # 422204

Perform cELISA per IK002001 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 Standard (nM)	22K	22K	25K	25K	30K	30K	32K	32K
0	3.2746	3.2604	3.0976	2.9540	2.7727	2.6606	2.5116	2.6351
15	2.6481	2.5262	2.3288	2.2947	2.0865	2.0769	1.9065	2.0883
30	2.3658	2.3958	2.1174	1.9995	1.9616	1.7606	1.6427	1.8513
60	1.9622	1.8497	1.6668	1.7083	1.3546	1.4331	1.2902	1.4546
120	1.4338	1.3294	1.1767	1.1417	1.0198	1.0556	0.9381	1.0643
240	0.8907	0.8015	0.8053	0.7641	0.6429	0.6643	0.5684	0.6943
480	0.4912	0.4601	0.4378	0.4318	0.3689	0.4116	0.3272	0.3893
200	1.3305	1.2731	1.1533	1.1086	0.9921	1.0508	0.8615	0.0545

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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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