

CERTIFICATE OF ANALYSIS

Product: S-Adenosylhomocysteine (SAH) ELISA Kit for a sample in a simple buffer or matrix

Catalog Number: IK00301

Lot Number:

SAH Assay Plate: Lot# 450417

HRP-anti-SAH Antibody: Lot# 421808, Lot# 422024 (Lot# 422204), Lot# 450204, Lot# 480209

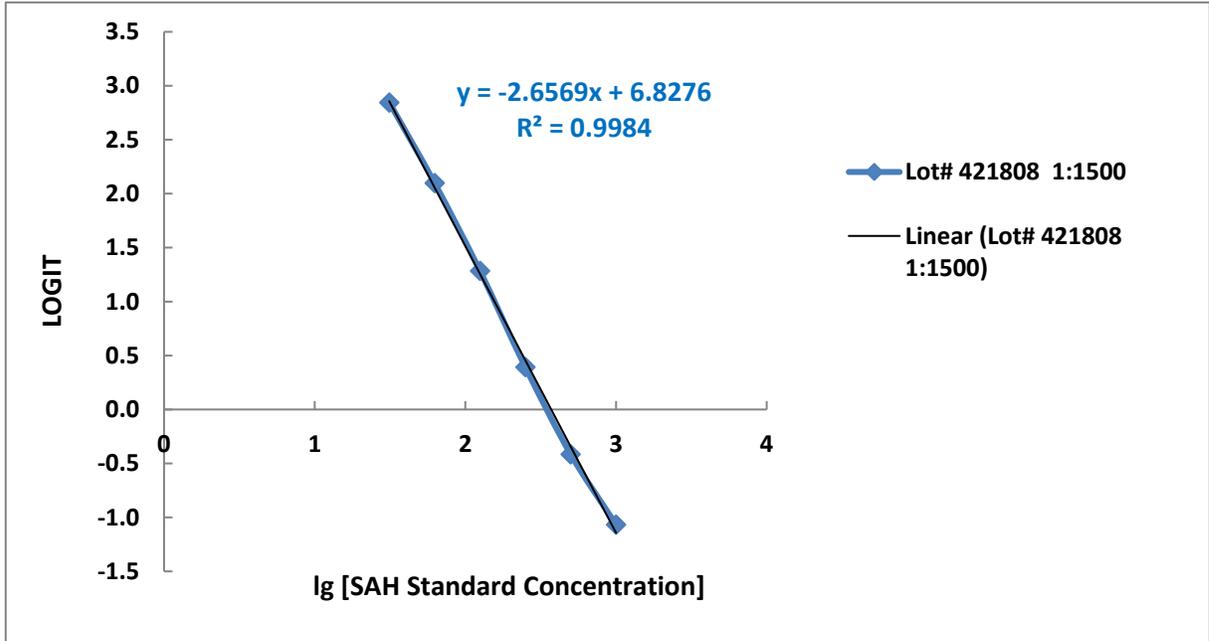
Quality Release Date: February 20, 2015

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
SAH Standard	Tested earlier Lot # 422204
Wash Solution (20×)	Tested earlier Lot # 422204

Perform cELISA per IK003001 instruction with samples and quality control. The standard curve was obtained.

SAH Na (nM)	OD ₄₅₀ (HRP-anti-SAH Lot# 421808 1:1500)	
0	2.0119	2.0800
31.25	1.9436	1.9243
62.5	1.8086	1.8378
125	1.6027	1.6053
250	1.2332	1.2153
500	0.8326	0.8032
1000	0.5368	0.5214
Blank	0.0073	0.0062

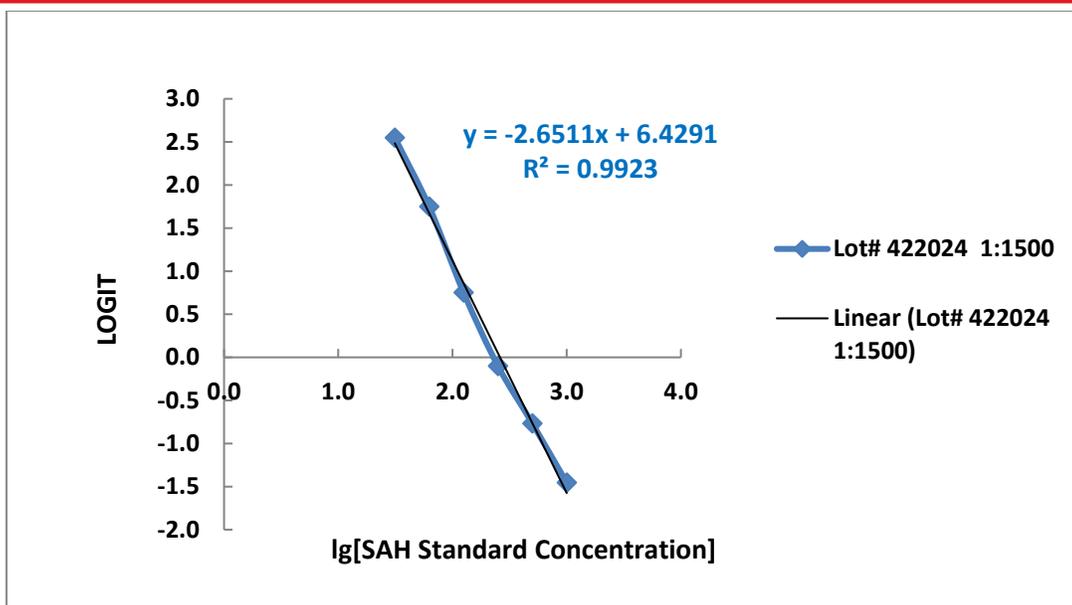
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LOGIT = $\ln(A/A_{50}/(1-A/A_{50}))$, where A_{50} is OD450 when no antigen was added.

SAH Na (nM)	OD ₄₅₀ (HRP-anti-SAH Lot# 422024 1:1500)	
0	1.9792	1.9627
31.25	1.8360	1.8212
62.5	1.6779	1.6821
125	1.3208	1.3627
250	0.9428	0.9364
500	0.6392	0.6213
1000	0.3825	0.3756
Blank	0.0072	0.0056

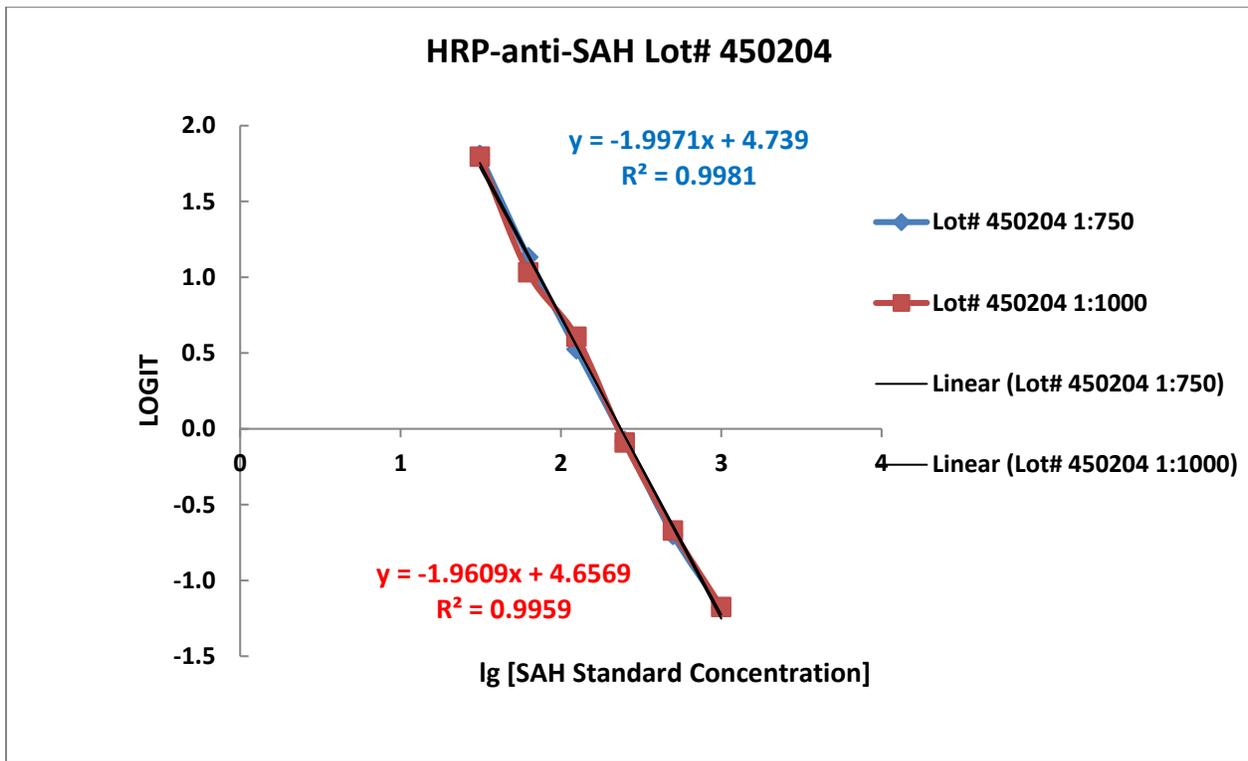
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LOGIT = $\ln(A/A_{50}/(1-A/A_{50}))$, where A_{50} is OD450 when no antigen was added.

SAH Na (nM)	Lot#450204 1:750		Lot#450204 1:1000	
0	1.8290	1.8910	1.3486	1.4295
31.25	1.6237	1.5854	1.2013	1.1951
62.5	1.4231	1.4142	1.0086	1.0655
125	1.1391	1.2339	0.9094	0.9235
250	0.8770	0.9597	0.6659	0.7111
500	0.6274	0.6719	0.5046	0.4999
1000	0.4628	0.4850	0.3542	0.3756
Blank	0.0487	0.0481	0.0485	0.0486

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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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