

CERTIFICATE OF ANALYSIS

Product: Bio-12CN-SAH a/b/c

Catalog Number: ACT00305-10/50/100

Lot Number: Lot# 450627

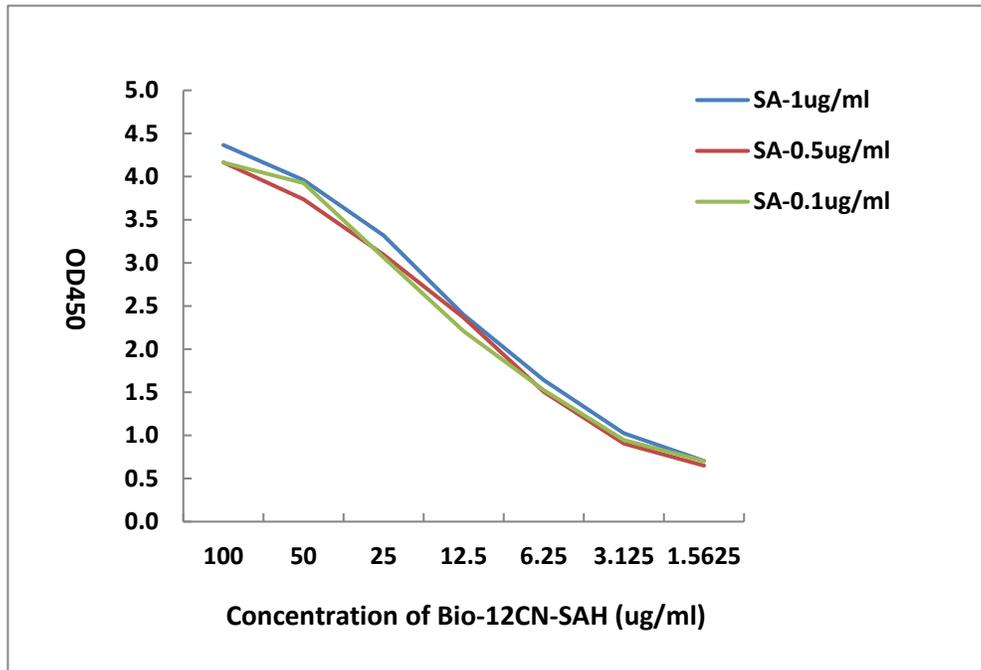
Quality Release Date: March 31, 2015

Analysis Procedure: Micro-titer plate was coated with different amounts of Streptavidin (SA). Serial dilution of Biotin-12CN-SAH was added to the plates. After incubation of 60 minutes at 37°C, mouse-anti-SAH antibody (Lot# 450204 1:700) was added and incubated for another 60 minutes at 37°C. TMB was used to develop the color. The reaction was stopped after 15 minutes at 37°C. OD450 readings were recorded.

As indicated in the Table and Figure below, SA concentration could be further reduced and HRP-anti-SAH further diluted to reduce the background readings. Best dilution of each component should be tested and determined individually based on each particular environment. This result is meant to show the conjugate works very well in binding SA as well as the specific antibody against SAH at the same time efficiently.

Biotin-12CN-SHM, HRP-anti-SAH (Lot# 450204) at 1:700			
ug/ml	SA-1ug/ml	SA-0.5ug/ml	SA-0.1ug/ml
100	4.3665	4.1647	4.1630
50	3.9598	3.7370	3.9252
25	3.3192	3.0952	3.0625
12.5	2.3976	2.3642	2.2091
6.25	1.6401	1.5038	1.5236
3.125	1.0242	0.9051	0.9447
1.5625	0.7043	0.6495	0.7020
0	0.3215	0.3138	0.3371

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Jimmy Li
Quality Control Team

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