

CERTIFICATE OF ANALYSIS

Product: Bio-6C-aza-SAM a/b/c

Catalog Number: ACT00205-10/50/100

Lot Number: Lot# 450627

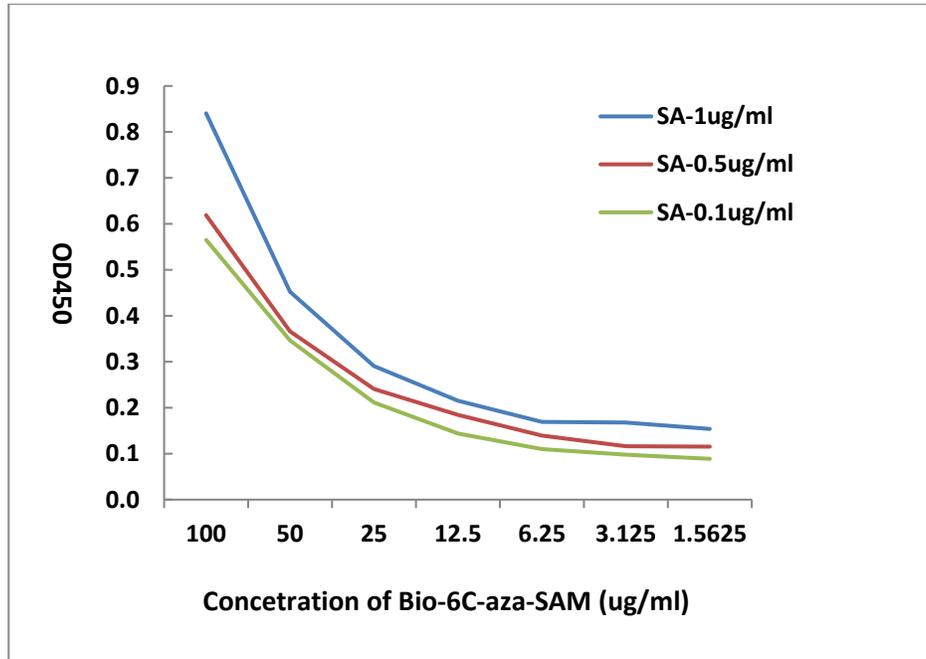
Quality Release Date: March 31, 2015

Analysis Procedure: Micro-titer plate was coated with different amounts of Streptavidin (SA). Serial dilution of Biotin-6C-aza-SAM was added to the plates. After incubation of 60 minutes at 37°C, mouse-anti-SAM antibody (Lot# 421212 1:20000) 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, at least 1ug/ml SA was required to help immobilize Bio-6C-aza-SAM to the plate in order to develop a better signal. 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 well in binding SA as well as the specific antibody against SAM at the same time efficiently.

Biotin-6C-SAM, HRP-anti-SAM (Lot# 421212) at 1:20000			
ug/ml	SA-1ug/ml	SA-0.5ug/ml	SA-0.1ug/ml
100	0.8405	0.6189	0.5652
50	0.4522	0.3660	0.3462
25	0.2905	0.2407	0.2113
12.5	0.2151	0.1845	0.1438
6.25	0.1691	0.1394	0.1100
3.125	0.1676	0.1162	0.0979
1.5625	0.1538	0.1153	0.0888
Blank	0.0829	0.0852	0.0750

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Jimmy Li
Quality Control Team

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