

In-Vitro Antiviral Screening Report

Task Order Number:	B12
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Test Site:	USU
Investigator:	Freiberg
Test Date (m/dd/yy):	9/5/2014
Report Date (Mmm-yy):	Sep-14

Virus Screened:	Ebola virus
Virus Strain:	Zaire
Cell Line:	Vero
Vehicle:	DMSO
Drug Conc. Range:	0.1-100 µM
Control Conc. Range:	0.1-100 µM
Experiment Number:	EBOV-805

Control Drug Name	Control Assay Order	Control Assay Name	EC50	EC90	CC50	SI50	SI90
3-Deazaguanine	Primary	Crystal violet (Plaque reduction)/Neutral red (Toxicity)	6.75		33.6	4.98	

EC50 - compound concentration that reduces viral replication by 50%
 EC90 - compound concentration that reduces viral replication by 90%
 CC50 - compound concentration that reduces cell viability by 50%

SI50 - CC50/EC50
 SI90 - CC50/EC90

Summary:

Moderately active: 13-000342.

Screening Results

ARB No.	Date Received m/dd/yy	Trial No	Compound Name/ID	Drug Assay Order	Drug Assay Name	EC50	EC90	CC50	SI50	SI90
13-000342	9/3/2014	1	fullerene polyaminocaproic acid	Primary	Crystal violet (Plaque reduction)/Neutral red (Toxicity)	5.76		>100	17.4	