



Certificate of Analysis

Product Description

Product Name	TIGIT set siRNA Lentivirus (mouse)
Cat Number	C044V
Lot Number	KH8054
Quantity	2 x 200µl
Viral Titer	3.01×10^7 IU/ml
QC Evaluation Cell Line	293T Cells (Cat no. LV010)

Specifications

	Test Method	Minimum	Results
Viral Titer	qRT-PCR	1.0×10^7 IU/ml	3.01×10^7 IU/ml
Sterility Test	Direct Culture	***	Not detected

This product is for research use only and is not intended for therapeutic or diagnostic applications.
Please contact a technical service representative for more information.

No. 8, 13520 Crestwood Place
Richmond BC, Canada V6V 2G2
T e l : 6 0 4 - 2 4 7 - 2 4 1 6
F a x : 6 0 4 - 2 4 7 - 2 4 1 4
w w w . a b m G o o d . c o m

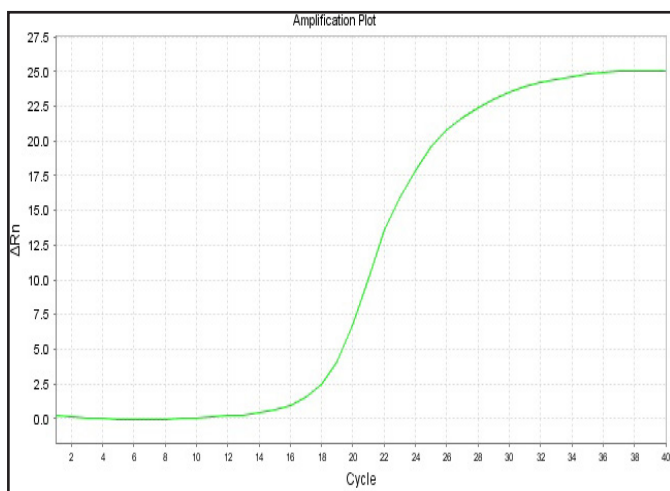
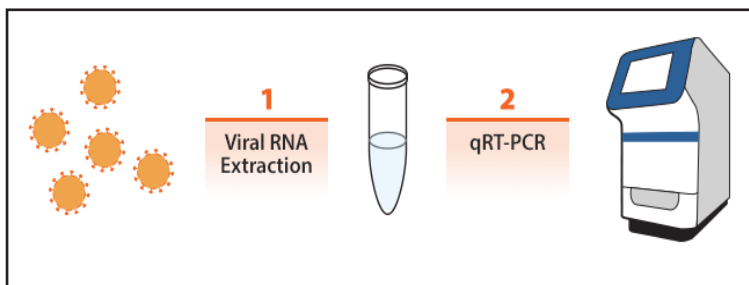
Lentivirus qRT-PCR titer Report

Cat No. C044V

TIGIT set siRNA Lentivirus (mouse)

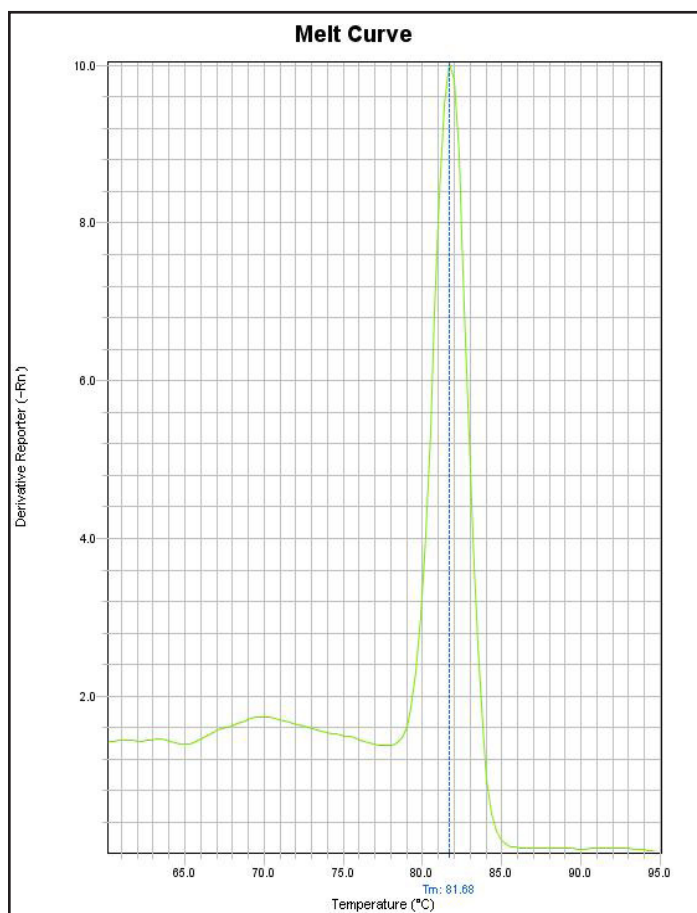
(09/21/2015)

Viral RNA was extracted from lentivirus and cDNA was generated from RT. The viral RNA samples and the lentiviral RNA STD1 and STD2 are subjected to qRT-PCR to determine threshold cycle (Ct) values. Real-time PCR was processed using lentivirus specific primers. With Ct values, the titers of lentivirus were determined by our lenti-titer calculator.



Block Type	48well
Chemistry	SYBR_GREEN
Experiment Run End Time	09/21/2015 13:20
Instrument Type	ABI Step one
Passive Reference	ROX

Sample Name	TIGIT set siRNA Lentivirus (mouse)	STD1	STD2
Ct Value	18.39	17.57	20.93



Titer of **TIGIT set siRNA Lentivirus (mouse)** =

$$\left[5 \times 10^7 / 2^{3(Ct_x - Ct1) / (Ct2 - Ct1)} \right] = 3.01 \times 10^7 \text{ IU/ml}$$

Ctx: Ct value of sample, Ct1: Ct value of STD1, Ct2: Ct value of STD2