

**Report from the NIH on the Deactivation of Cowpox and Vaccinia Virus
By DioxiRinse Mouthwash**

Note That all Virus Was Killed in One Minute



FACSIMILE TRANSMITTAL SHEET

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URGENT FOR REVIEW PLEASE COMMENT PLEASE REPLY PLEASE RECYCLE

NOTES/COMMENTS

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DIOXIRINSE MOUTHWASH
ACTIVITY ON COWPOX
AND VACCINIA SHOWING
1 MINUTE KILL

VIROLOGY BRANCH
DIVISION OF MICROBIOLOGY AND INFECTIOUS DISEASES
6700-B ROCKLEDGE DRIVE, ROOM 3216
BETHESDA, MD 20892-7630 (20817 for express mail)

Direct Inactivation Assay (Pox)

Sponsor: Frontier Sciences
Product: DioxiRinse Mouthwash
ARB No. 02-171
Exposure Period: 1 minute at room temperature
Cell Line: HFFU
Assay Date: 2/15/02
Read Date: 2/18/02

SAMPLE	TITER	LOG
#1 Virus Control - Vaccinia Copenhagen	3.5×10^7	7.5
#2 Virus Control - Cowpox Brighton	1×10^7	7
#3 Product + Vaccinia Virus	$<10^1$	<1
#4 Product + Cowpox Virus	$<10^1$	<1
#5 Product Toxicity Control	Toxic through 10^0	1
#6 Vaccinia virus + 1:10 dilution Product	2.75×10^7	7.4
#7 Cowpox virus + 1:10 dilution Product	7.5×10^5	6.9