DiaPharma Streptokinase

Data Sheet

Catalog #: B811111
Item Description: Streptokinase (Approximately 0.91 MIU)
Lot #: B-121901
Expiration Date: 12/31/2024 (Re-assay Date: 1   )

All units of plasma have been tested for absence of HB_sAg (third generation test), anti-HIV (FDA licensed test) and found to be negative. This material should be handled as if capable of transmitting disease.

CAUTION:

NOT SUITABLE OR INTENDED FOR USE IN HUMANS OR FOOD ANIMALS
NOT FOR STERILE USE OR INJECTION.
***IN VITRO* USE ONLY.**
FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

Product: Streptokinase (purified preparation of a bacterial protein elaborated by group C b-hemolytic streptococci). Supplied as white, water-soluble, lyophilized powder (non-sterile)

Material contains 11 mg sodium L-glutamate and 13.0 mg albumin (human) per 1,000,000 IU (1 MIU) of Streptokinase.
Contains no preservatives.

Amount:
per vial: Approximately **912,000 IU** (0.91 MIU) per vial

Prepared By: _Jennifer Kiblinger_   Date: _02/24/2022_

Printed Name: Jennifer J. Kiblinger
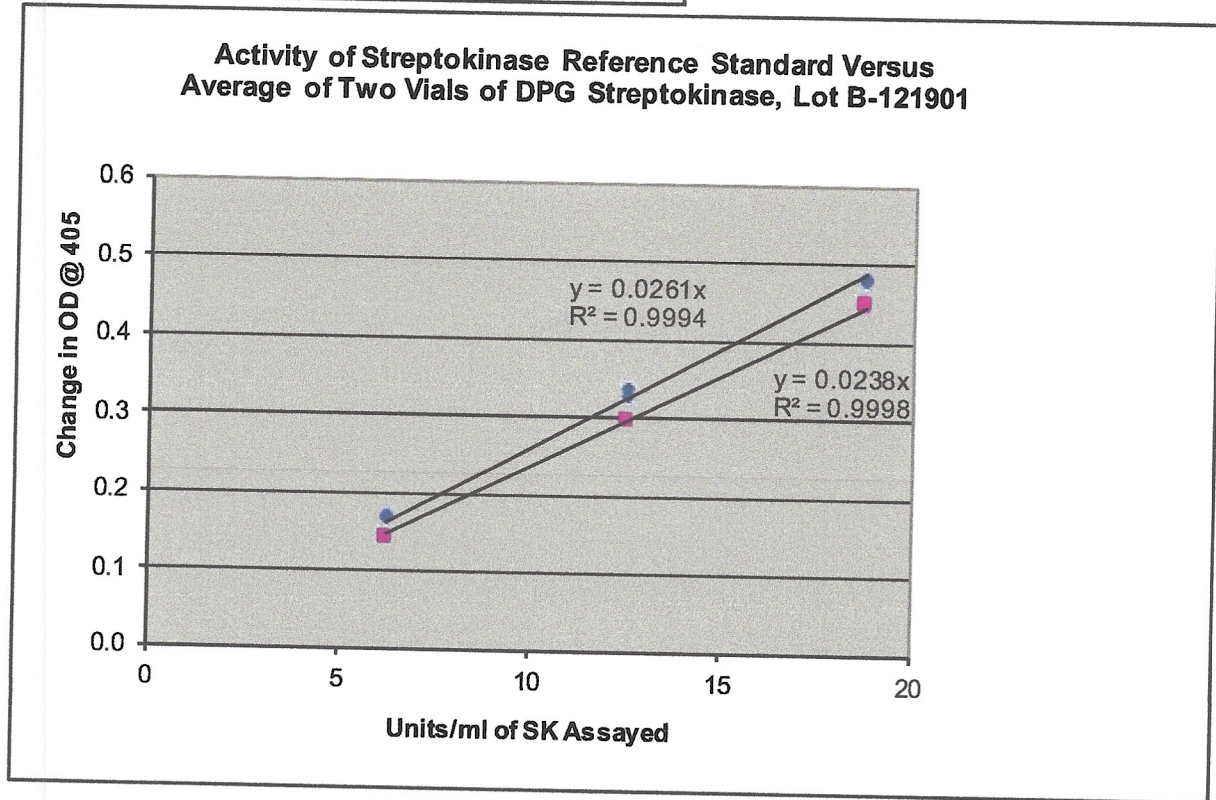**Title:**   Scientific Director

Assay Results of DPG Streptokinase Lot B-121901 vs. 4th Int. Reference Standard (21 February 2022)

Experimental:

Two separate vials of lot B-121901 of DPG Streptokinase were assayed vs. the 4th Int. SK Ref. Standard (RS Lot 16/358) following BioCascade SOP AP-30. Three concentrations of the RS and of two separate vials of Lot B-121901 were assayed in duplicate and the average of the duplicates was used to construct the concentration curves shown below. Using slope comparison methods, the average potency (activity) of each vial of DPG SK Lot B-121901 was calculated. The results showed that these vials contained 0.912 MIU per vial.

Results:

IU/ml	Change in OD @ 405 nm over 14 minutes	
	Ref. Std	Vial 1 and 2
6.25	0.1690	0.1430
6.25	0.1730	0.1415
12.5	0.3300	0.2970
12.5	0.3380	0.2955
18.75	0.4800	0.4490
18.75	0.4830	0.4495

Activity of Streptokinase Reference Standard Versus Average of Two Vials of DPG Streptokinase, Lot B-121901

$y = 0.0261x$
$R^2 = 0.9994$

$y = 0.0238x$
$R^2 = 0.9998$

Calculations: Based upon the above slope comparison, the average number of Units contained in these vials was 911,877 IU/vial or about 91% of the labeled potency.

Steptokinase Assay Results for DPG on 2 vials of SK Lot B-121901 dated 210222.xlsx