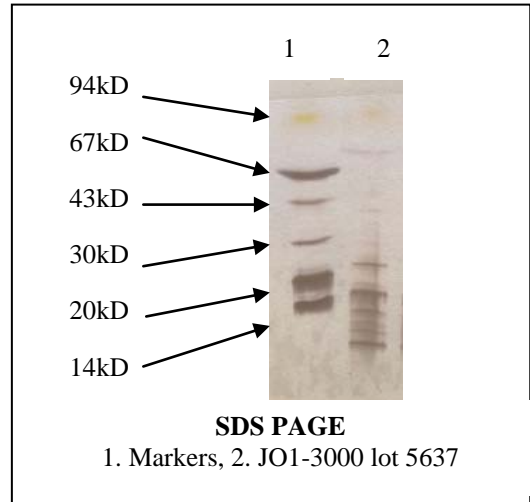


Certificate of Analysis

Product: JO1-3000
Lot Number: 5637
Appearance: Clear Frozen Liquid
Expiration Date: 01Sept2019
Protein Concentration: 0.62 mg/ml
Absorbance at 280nm: 0.740 at 1:1 dilution



ELISA Absorbances:

Antibody	1 unit/well		0.5 unit/well	
	Standard	Lot 5637	Standard	Lot 5637
Positive 1	2.616	2.388	2.401	2.386
Positive 2	2.920	2.784	2.756	2.732
Positive 3	3.039	3.284	2.764	3.104
Negative 1	0.151	0.116	0.099	0.114
Negative 2	0.154	0.230	0.153	0.188
Negative 3	0.120	0.077	0.114	0.098

Double Immunodiffusion Results:

	Standard	Lot 5637
Titer vs specific antibody	1:8	1:16
Reaction with anti-host serum proteins	Negative	Negative

Material of Origin: Rabbit thymus from USA origin

This product meets or surpasses ImmunoVision specifications.

TL MK

Quality Control Director

Date 4/1/2013