

Report from the CAVD Neutralizing Antibody Laboratory, Harvard Medical School

Study ID: Weiss-gp41-1

Report Date: 29-Nov-07

Samples: Sera and purified Ig from rabbits immunized w/ HXB2 gp41 protein

Investigator: Winfried Weissenhorn

Assay Set up: Serum samples tested primary 1:20 titrated 3-fold 7x (duplicate wells)

Purified Ig tested primary 50 ug/ml titrated 3-fold 7x

Virus: Clade A, B, and C Tier 1 viruses / clade B Tier 2 viruses

Positive Control: HIVIG (polyclonal purified Ig)

Negative Control: Single serum pre-bleed sample

Sample #	Serum ID50 Titer in TZM.bl cells (1/x)													
	Tier 1 (B)	Tier 1 (B)	Tier 1 (B)	Tier 1 (A)	Tier 1 (C)	Tier 2 (B)	Tier 2 (B)	Tier 2 (B)	Tier 2 (B)	Tier 2 (B)	Tier 2 (B)	Tier 2 (B)	Tier 2 (B)	Tier 2 (B)
	SF162.LS	BaL.26	SS1196.1	DJ263	MW965.26	QH0692.42	SC422661.8	PVO.4	6535.3	AC10.0.29	RHPA4259.7	TRO.11	THRO4156.18	
HA1s	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
HA2s	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
HA3s	<20	<20	<20	<20	21	<20	<20	<20	<20	<20	<20	<20	<20	<20
HA4s	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
HA5s	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
HA6s	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Hapre	<20	<20	<20	<20	21	<20	<20	<20	<20	<20	<20	<20	<20	<20
	Purified Ig IC50 Titer (ug/ml)													
HA1p	>50	>50	>50	>50	>50	>50	>50	>50	>50	>50	>50	>50	>50	No Data
HA2p	>50	>50	>50	>50	>50	>50	>50	>50	>50	>50	>50	>50	>50	>50
HA3p	>50	>50	>50	>50	>50	>50	>50	>50	>50	>50	>50	>50	>50	>50
HA4p	>50	>50	>50	>50	>50	>50	>50	>50	>50	>50	>50	>50	>50	>50
HA5p	>50	>50	>50	>50	>50	>50	>50	>50	>50	>50	>50	>50	>50	>50
HA6p	>50	>50	>50	>50	>50	>50	>50	>50	>50	>50	>50	>50	>50	>50
HIVIG (+)	4.9	36	228	80.4	4.9	1,672	443	969	180	677	347	658	501	