

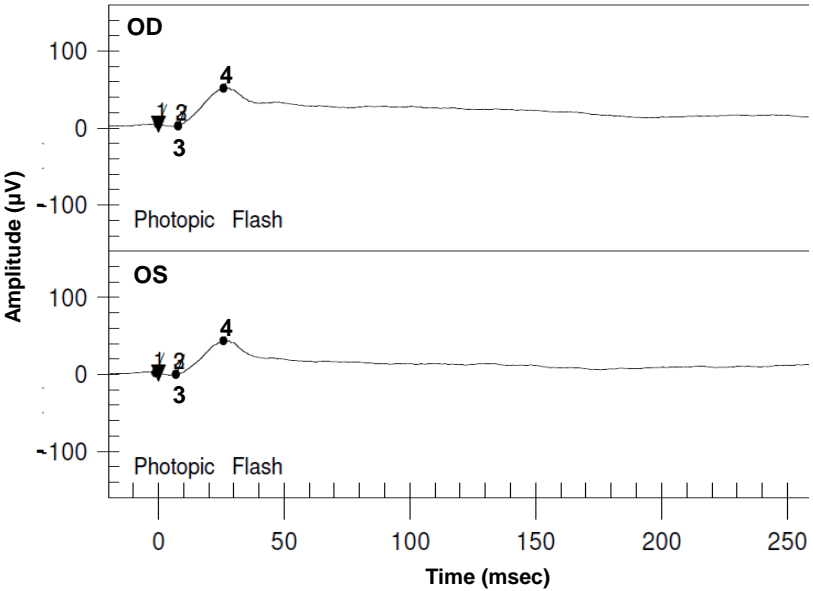
A

		p-Value*		
Light Intensity		Upper	Lower	Two-Tailed
Scotopic	I+ND2	0.3617	0.6383	0.6408
Scotopic	I+ND1	0.3204	0.6796	0.7234
Scotopic	I	0.1682	0.8318	0.3364
Photopic	XVI	0.7038	0.2962	0.5923
Flicker	XVI	0.7675	0.2325	0.4651

* T-Test Pooled
Scotopic - dark adapted response
Photopic - light adapted response
ND - neutral density filter
I - intensity of 1
XVI - intensity of 16

B

Example of ERG Raw Data



C

Example of an ERG Data Set

b-Amplitude (µV)			Weeks Post-Treatment			
Photopic						
Animal	Eye	Treated	W2	W4	W8	W12
1	OD	+	81.0	181.1	48.9	64.1
	OS	-	72.3	188.0	43.6	72.9
2	OD	+	181.1	68.7	72.0	108.0
	OS	-	188.0	81.6	94.8	75.7
3	OD	+	57.1	49.9	56.2	92.0
	OS	-	69.8	51.7	90.5	109.2
4	OD	+	47.5	38.5	72.4	75.6
	OS	-	65.5	51.3	72.3	97.5

OD - right eye
OS - left eye

Low Cut (Hz):
High Cut (Hz):
Background:

a-Wave Amplitude
b-Wave Amplitude
Cursor
Cursor
Difference:
Cursor
Cursor
Difference:

OD		OS	
0.3		0.3	
500		500	
Med (30 cd m-2)		Med (30 cd m-2)	
Amplitude (µV)	Time (msec)	Amplitude (µV)	Time (msec)
5	0	1.7	-1
2.8	8	-0.1	7
-2.2	8	-1.8	8
2.8	8	-0.1	7
51.7	26	43.5	26
48.9	18	43.6	19