

**Patient Information**

Patient ID: 123654

Birthdate: September 6, 1980

Test started: February 4, 2021, 9:34 AM

Report generated: February 4, 2021, 10:09 AM

**Device and Test Information**

RETeval™

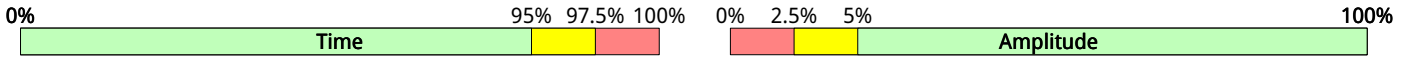
Manufacturer: LKC Technologies, Inc.

Serial number: R001315

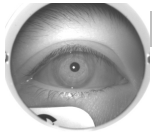
Firmware version: 2.11.0 Reference data: 2020.49 a794d4f

Test protocol: ISCEV 5 Step Light First Td

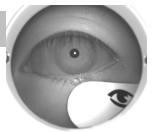
Electrodes: Sensor Strips



Test #1: Flash: 85 Td-s, Chromaticity (0.33, 0.33) at 2 Hz Background: 850 Td, Chromaticity (0.33, 0.33)



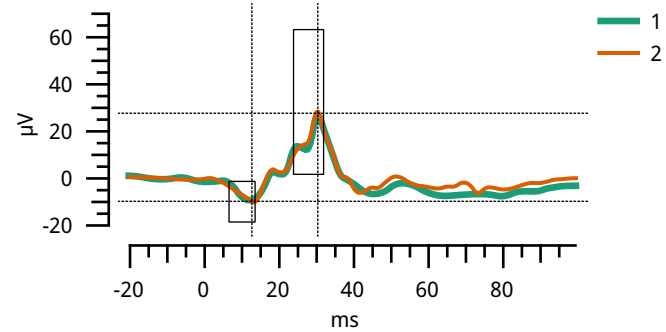
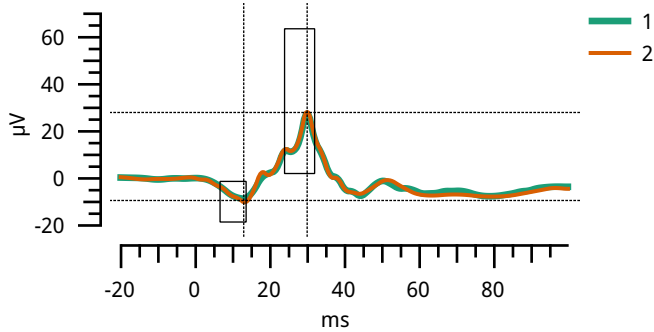
**Right Eye (Pupil 2.5 mm)**



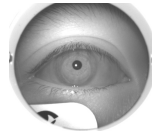
**Left Eye (Pupil 2.6 mm)**

	a-wave		b-wave	
	ms	µV	ms	µV
	6.5 ↔ 13.5	-1.3 ↔ -18.5	23.8 ↔ 31.9	11.5 ↔ 73.0
1	12.6 (76%)	-8.6 (76%)	29.9 (75%)	36.2 (73%)
2	13.1 (88%)	-10.2 (90%)	29.9 (75%)	38.6 (79%)
	12.9 (82%)	-9.4 (85%)	29.9 (75%)	37.4 (77%)

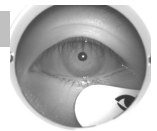
	a-wave		b-wave	
	ms	µV	ms	µV
	6.5 ↔ 13.5	-1.3 ↔ -18.5	23.8 ↔ 31.9	11.5 ↔ 73.0
1	12.1 (64%)	-9.3 (84%)	30.4 (84%)	36.1 (73%)
2	13.2 (90%)	-10.2 (90%)	30.2 (82%)	38.8 (80%)
	12.6 (76%)	-9.7 (87%)	30.3 (83%)	37.4 (77%)



Test #2: Flash: 85 Td-s, Chromaticity (0.33, 0.33) at 28.3 Hz Background: 850 Td, Chromaticity (0.33, 0.33)



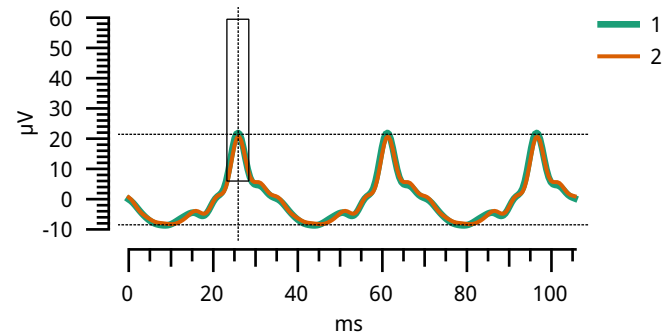
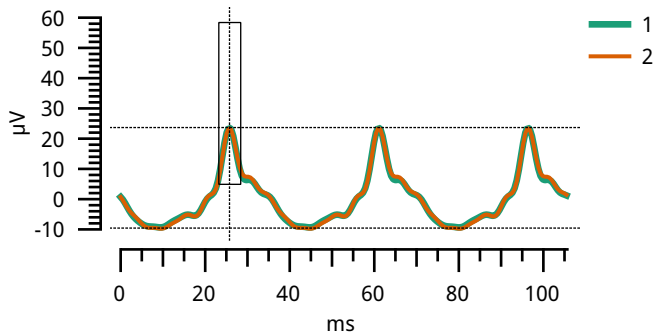
**Right Eye (Pupil 2.5 mm)**



**Left Eye (Pupil 2.2 mm)**

	ms	µV
	23.2 ↔ 28.4	14.5 ↔ 68.0
1	25.7 (65%)	33.1 (70%)
2	25.7 (65%)	33.4 (72%)
	25.7 (65%)	33.2 (71%)

	ms	µV
	23.2 ↔ 28.4	14.5 ↔ 68.0
1	25.8 (68%)	30.8 (61%)
2	26.0 (72%)	29.1 (55%)
	25.9 (70%)	29.9 (58%)

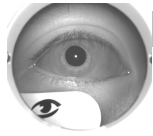


### Dark Adaptation

Start: 9:41 AM, Duration: 0 hour(s) 20 min(s)

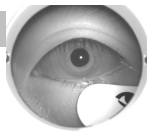
Ambient light: 3 cd/m<sup>2</sup>

Test #3: Flash: 0.28 Td-s, Chromaticity (0.33, 0.33) at 0.5 Hz Background: 0.0 Td



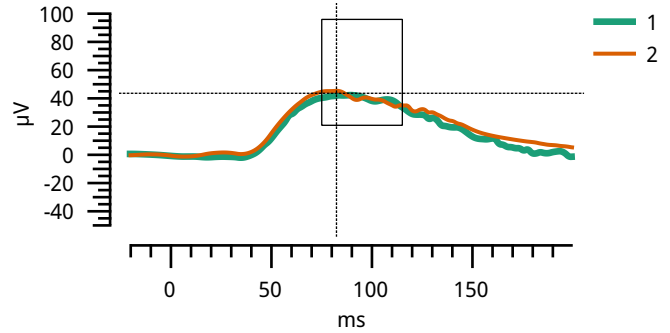
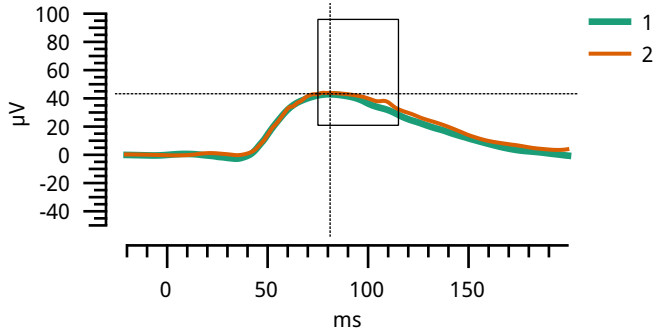
#### Right Eye (Pupil 6.1 mm)

b-wave	
ms	$\mu$ V
75.0 $\leftrightarrow$ 115.1	20.9 $\leftrightarrow$ 95.9
1 81.3 (5%)	42.7 (45%)
2 80.9 (4%)	43.8 (56%)
81.1 (4%)	43.3 (48%)

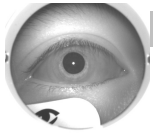


#### Left Eye (Pupil 5.4 mm)

b-wave	
ms	$\mu$ V
75.0 $\leftrightarrow$ 115.1	20.9 $\leftrightarrow$ 95.9
1 86.1 (19%)	42.2 (43%)
2 78.7 (2%)	45.0 (59%)
82.4 (6%)	43.6 (52%)

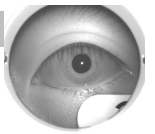


Test #4: Flash: 85 Td-s, Chromaticity (0.33, 0.33) at 0.1 Hz Background: 0.0 Td



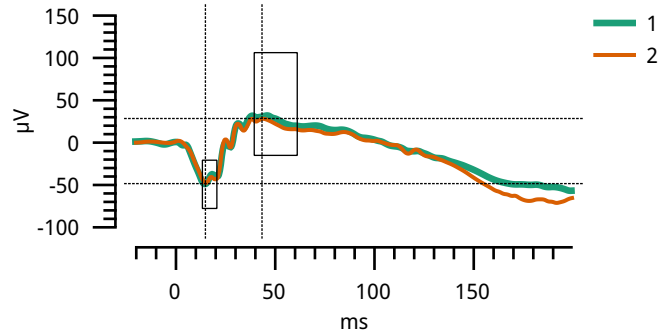
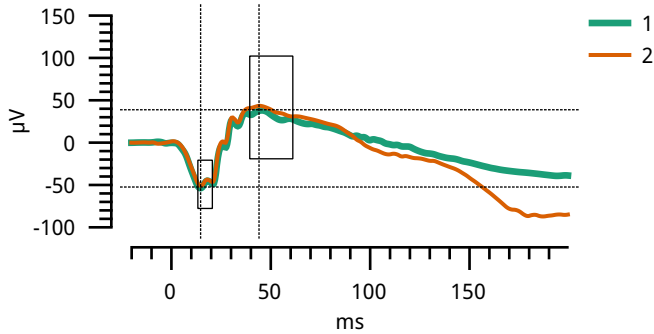
#### Right Eye (Pupil 5.4 mm)

a-wave		b-wave	
ms	$\mu$ V	ms	$\mu$ V
13.3 $\leftrightarrow$ 20.6	-20.7 $\leftrightarrow$ -77.7	39.4 $\leftrightarrow$ 61.1	33.3 $\leftrightarrow$ 155
1 14.6 (20%)	-53.9 (90%)	43.9 (24%)	89.7 (81%)
2 14.8 (28%)	-51.0 (84%)	44.2 (26%)	92.8 (82%)
14.7 (24%)	-52.4 (88%)	44.1 (25%)	91.2 (82%)



#### Left Eye (Pupil 4.8 mm)

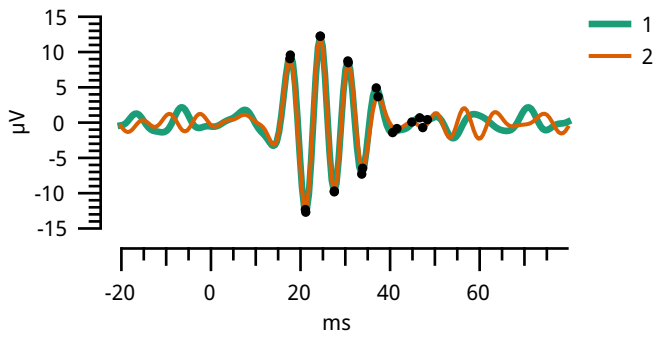
a-wave		b-wave	
ms	$\mu$ V	ms	$\mu$ V
13.3 $\leftrightarrow$ 20.6	-20.7 $\leftrightarrow$ -77.7	39.4 $\leftrightarrow$ 61.1	33.3 $\leftrightarrow$ 155
1 14.6 (18%)	-49.0 (78%)	43.7 (21%)	79.9 (61%)
2 15.1 (38%)	-47.7 (75%)	43.0 (11%)	73.8 (55%)
14.8 (29%)	-48.4 (77%)	43.3 (13%)	76.9 (58%)



Test #5: Flash: 85 Td-s, Chromaticity (0.33, 0.33) at 0.1 Hz Background: 0.0 Td

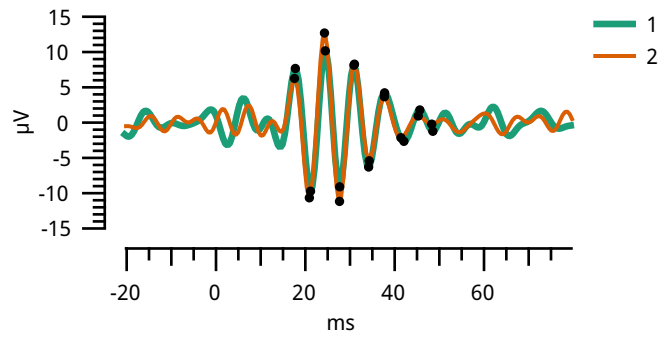
### Right Eye (Pupil 5.4 mm)

		OP Sum	
		ms	μV
		131.5 ↔ 171.5	13.9 ↔ 86.2
1	156.2 (54%)	67.0 (84%)	
2	154.8 (48%)	63.6 (78%)	
		155.5 (52%)	65.3 (80%)



### Left Eye (Pupil 4.8 mm)

		OP Sum	
		ms	μV
		131.5 ↔ 171.5	13.9 ↔ 86.2
1	156.5 (54%)	61.0 (75%)	
2	155.8 (53%)	61.4 (76%)	
		156.1 (54%)	61.2 (75%)



### Right Eye Oscillatory Potentials

	ms	OP1	μV	ms	OP2	μV	ms	OP3	μV	ms	OP4	μV	ms	OP5	μV
1	17.7		22.3	24.4		22.1	30.6		16.0	36.9		6.3	46.6		0.26
2	17.6		21.4	24.4		21.9	30.7		14.9	37.3		4.5	44.9		0.79

### Left Eye Oscillatory Potentials

	ms	OP1	μV	ms	OP2	μV	ms	OP3	μV	ms	OP4	μV	ms	OP5	μV
1	17.8		17.4	24.5		19.3	30.9		14.4	37.7		6.9	45.6		3.0
2	17.6		16.9	24.3		23.9	31.0		13.7	37.7		5.8	45.3		1.2