

Patient Information

Patient ID: [REDACTED]

Birthdate: [REDACTED]

Test started: [REDACTED]

Report generated: [REDACTED]

Device and Test Information

RETeval™

Manufacturer: LKC Technologies, Inc.

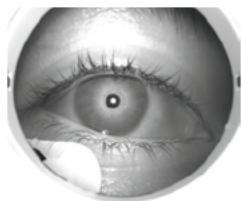
Serial number: [REDACTED]

Firmware version: 2.15.1 Reference data: 2026.22

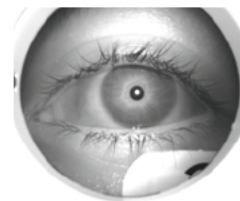
Test protocol: PhNR 3.4 Hz Td Short

Electrodes: Sensor Strips

Test #1: Flash: 38 Td-s Red at 3.4 Hz Background: 380 Td Blue

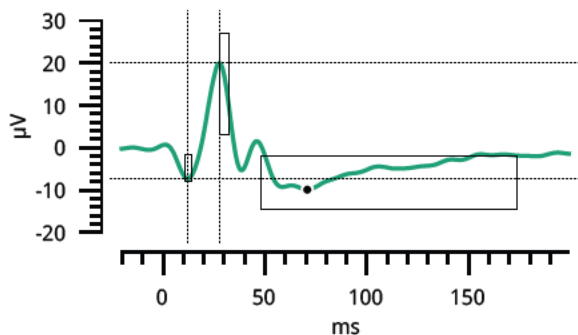


	Right Eye	Left Eye
b-wave implicit time (ms)	27.6 (2%)	27.5 (2%)
W-ratio ¹	1.10 (54%)	1.06 (45%)
PhNR at minimum amplitude (μV)	-9.9 (84%)	-9.5 (83%)



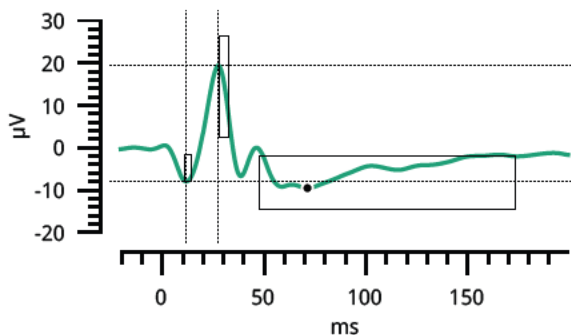
Right Eye (Pupil 2.4 mm)

a-wave		b-wave	
ms	μV	ms	μV
10.8 ↔ 14.0	-1.6 ↔ -7.8	28.0 ↔ 32.6	10.5 ↔ 34.3
12.0 (30%)	-7.3 (95%)	27.6 (2%)	27.3 (89%)



Left Eye (Pupil 2.1 mm)

a-wave		b-wave	
ms	μV	ms	μV
10.8 ↔ 14.0	-1.6 ↔ -7.8	28.0 ↔ 32.6	10.5 ↔ 34.3
11.8 (21%)	-8.0 (98%)	27.5 (2%)	27.4 (89%)



Photopic Negative Response

PhNR at minimum		
ms	μV	W-ratio ¹
48 ↔ 173	-1.8 ↔ -14.6	0.89 ↔ 1.64
71 (46%)	-9.9 (84%)	1.10 (54%)

PhNR at minimum		
ms	μV	W-ratio ¹
48 ↔ 173	-1.8 ↔ -14.6	0.89 ↔ 1.64
71 (47%)	-9.5 (83%)	1.06 (45%)

¹W-ratio = $(b - p_{mn}) / (b - a)$ which is the reciprocal of "PTR" as described in Mortlock (2010)
 where a, b, and p_{mn} are the voltages relative to baseline defined as
 a: a-wave peak, b: b-wave peak, and p_{mn} : the minimum of the PhNR wave.