



# **HUMAN EYE DEMONSTRATION MODEL**

**Cat. No. : AM 0037**

**KEY CARD**

Manufactured by :

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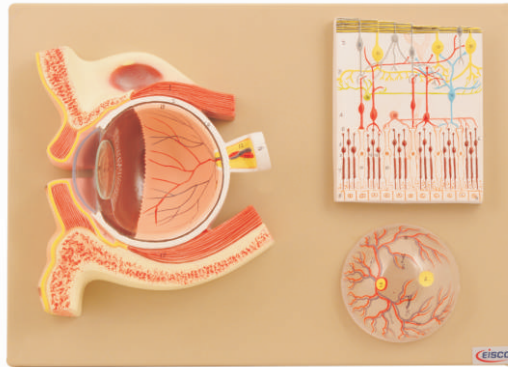
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## HUMAN EYE DEMONSTRATION MODEL

### A)

1. Lateral rectus muscle
2. Sclera
3. Choroid
4. Peri chordial space
5. Retina
6. Cornea
7. Iris
8. Lense
9. Optic disc
10. Central retinal artery
11. Central retinal vein
12. Optic nerve
13. Blind spot
14. Yellow spot
15. Bundles of optic nerve
16. Dual sheath
17. Medial rectus muscle



12. Membrana limitans interna
13. Outer rods
14. Inner cone segments
15. Horizontal cells
16. Bipolar cells
17. Midget bipolar cells synapsing only with cones
18. Amacrine cells

### B) Scheme of the Retinal Neurons

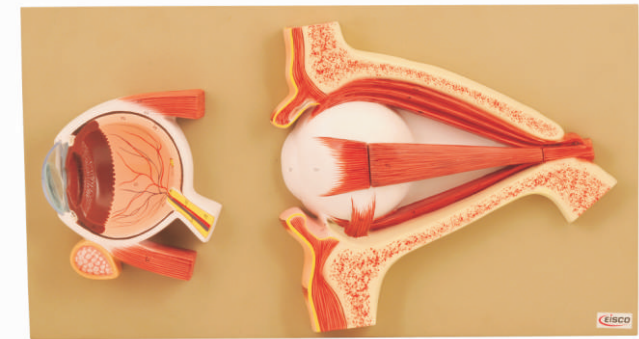
1. Lamina of nerve fibres
2. Lamina of ganglion cells
3. Internal plexiform lamina
4. Internal nuclear lamina
5. External Plexiform lamina
6. External nuclear lamina
7. Rods & cones
8. Pigment cells
9. Midget ganglion
10. Ganglion cells
11. Membrana limitans externa

### C) Retinal Blood Vessels

(seen through ophthalmoscope)

1. Superior nasal arteriole and venule
2. Inferior nasal arteriole and venule
3. Optical disc
4. Macula and fovea centralis
5. Superior macular arteriole and venule
6. Inferior macular arteriole and venule
7. Superior temporal retinal arteriole and venule
8. Inferior temporal retinal arteriole and venule

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### A.

1. Lateral rectus muscle
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7. Iris
8. Lens
9. Optic Disc
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11. Central Retinal Vein
12. Optic Nerve
13. Blind Spot
14. Yellow Spot
15. Bundles of optic nerve
16. Dural sheath
17. Medial rectus muscle

### B.

1. Eye ball
2. Sclerotic layer
3. Cornea
4. Optic nerve
5. Inferior oblique muscle
6. Medial rectus muscle
7. Inferior rectus muscle
8. Superior rectus muscle
9. Levator palpebrae superior muscle
10. Superior oblique muscle
11. IRIS