



# AUTOLOGOUS SERUM EYE DROPS

A treatment alternative for severe dry eyes manufactured from the patient's own blood. A process made simple through RC Compounding Services.

## **Treat Chronic Dry Eye Conditions Using Autologous Serum Eye Drops**

Do your patients have severe, chronic dry eyes that cannot be treated with artificial tear drops or eye ointments?

RC Compounding can create sterile autologous serum eye drops. We are able to use the patient's own blood to treat dry eye conditions that are unable to be treated with other prescriptions or over-the-counter drops and ointments.

## **What are Autologous Serum Eye Drops Made Of?**

The compounded eye drops contain growth factors, immunoglobins, and vitamins. Some are in higher concentrations than others, because they are created using the patient's own serum from a blood sample.

Since the drops are an autologous product, they are hypoallergenic and preservative free.



**RC Compounding Services | 3030 Center Road, Poland, OH 44514**

**Phone: (330) 707-9001 | Fax: (330) 707-9002**

## General Protocol:

### For the Physician

- Fax a patient specific prescription to RC Compounding at 330-707-9002, indicating the ratio of patient serum to sterile, preservative free saline to be used
- Order virology testing for HIV, Hepatitis B, and Hepatitis C for the patient in addition to a minimum of 100mL blood draw
- NOTE: Pharmacy will NOT work with infectious blood

### For the Lab

- Collect blood without use of anti-coagulants
- Allow to sit for 15-20 minutes before spinning for 15-20 minutes
- Draw off serum from gel barrier, place into new tubes, and immediately store in freezer
- Fax virology results to RC Compounding at 330-707-9002, and notify when serum is ready for pickup

### For RC Compounding

- A driver will be sent to the lab to pick up patient's serum upon notification
- Eye drops will be prepared in clean room according to physician's order
- Patients will be contacted when ready for pickup, or to schedule a delivery
- Eye drops will be dispensed in sterile dropper bottles with proper usage and storage labels on each vial

## General Information:

### Storage of Serum Eye Drops

Eye drops stored in a freezer have an expiration date of 6 months from the time of compounding  
Eye drops stored in refrigerator have a 7 day expiration date.

### Price

At RC Compounding we primarily compound Autologous Serum Eye Drops 20% and 50% ratios.

- With the 20% ratio, the patient will receive 40 bottles of serum, which costs **\$214.50**.
- With the 50% ratio, the patient will receive 20 bottles of serum, which costs **\$159.50**.

Each fill will last approximately four to six months. There are no additional fees for serum pickup or delivery.

### Compounding Procedure

At RC Compounding, the eye drops are created using the serum from the patient's own blood sample.

The serum is mixed with preservative free saline, bottled in sterile dropper bottles, and stored in the freezer until time of delivery or use by the patient. With any additional questions, please call RC Compounding at 330-707-9001. Thank you!



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