

Rx
SODIUM HYALURONATE
BIO-HYALUR™ &
10mg/ml

► **Description:**

Bio-Hyalur™/ Bio-Hyalur™ Plus is sterile, non pyrogenic, viscoelastic preparation of highly purified high molecular weight sodium hyaluronate dissolved in a physiological buffer. It is a clear solution supplied in a disposable glass syringe.

The average molecular weight of Sodium hyaluronate in Bio-Hyalur™/ Bio-Hyalur™ Plus is about 5 million dalton.

When Bio-Hyalur™/ Bio-Hyalur™ Plus is injected through a cannula, the viscosity reduces considerably so that solution is easy to inject. However, the high viscosity is regained in the chamber i.e. Bio-Hyalur™ Plus is highly pseudoplastic.

Bio-Hyalur™/ Bio-Hyalur™ Plus dose not contain latex

Sodium hyaluronate is a naturally occurring, high molecular weight polysaccharide, composed of sodium glucuronate and N-acetyl glucosamine which forms a repeating unit by linking alternatively beta 1-3 and beta 1-4 glycosidic bonds.

Sodium Hyaluronate is a physiological substance that is widely distributed in the extra cellular matrix of connective tissues in both animals and human. For example, it is present in the vitreous and aqueous humour of the eye, the synovial fluid, the skin, and the umbilical cord. Sodium Hyaluronates derived from various human or animal tissues and fermentation sources do not differ chemically.

► **Indications:**

Bio-Hyalur™/ Bio-Hyalur™ Plus is mainly indicated for use in anterior segment ophthalmic surgical processes.

Bio-Hyalur™/ Bio-Hyalur™ Plus is indicated whenever protection and lubrication of delicate cells or tissues are needed, especially in ophthalmic procedures including:

1. Anterior segment surgery,
2. IOL implantation and Cataract surgery,
3. Glaucoma surgery and
4. Corneal transplantation.

It does not interfere with epithelization and normal wound healing. Any traces of Bio-Hyalur™/ Bio-Hyalur™ Plus left in the anterior segment of the eye after surgery dissipates mainly through Schlemm's canal.

Rx
SODIUM HYALURONATE
OPHTHALMIC SOLUTION

BIO-HYALUR™

CE
0434

10mg/ml

Composition :

Each ml contains Sodium Hyaluronate BP 10 mg in a sterile isotonic vehicle q.s.

Store at 2 to 8°C. Protect from light.

Protect from freezing.

Bring to room temperature prior to use.

Do not reuse. Do not use if floating particles are found.

Dose: As directed by the Physician.

Description :

Category	DISPERSIVE
Molecule	NaHA
Origin	Bacterial Fermentation
Brand Name	BioHyalur
Concentration	10mg/ml (1%) ←
Molecular weight	5 Million Dalton
pH	6.5-7.5
Viscosity at rest	More than 300,000 mPas
Presentation	0.55ml/0.85ml/1ml In sterile glass syringe(B-D) with 27G CE marked sterile Cannula ↑
Packaging	Finished product is available in medical grade Blister pack.