

AUROgel

(Sodium hyaluronate 1.4% w/v)

High Quality Viscoelastic Solution



- **Excellent corneal protection**
- **Excellent clinical outcome**
- **Stable anterior chamber**
- **CE Certified**

DESCRIPTION

Aurogel (sodium hyaluronate 1.4% w/v) ophthalmic viscosurgical device is a cohesive viscoelastic formulation. It is characterized by high molecular weight, high pseudoplasticity, and high surface tension. It provides excellent space maintenance, facilitates IOL implantation, and is easy to remove.

PROPERTIES

Concentration	14 mg/ml (1.4% w/v)
Molecular weight	3.0 - 3.5 million Daltons
Viscosity @ 25°C	20,000 - 50,000 cPs
Osmolality	250-350 mOsm/Kg
pH	6.8 to 7.6

CHARACTERISTICS

- Good maintenance of the anterior chamber and the capsular bag.
- Controlled capsulorhexis.
- Easy implantation.
- Stable and protective cushion for delicate tissues.
- Favourable environment to ophthalmic surgery.
- Excellent protection against mechanical damages.
- Aseptically processed & Steam sterilized

INDICATIONS

- Cataract extraction
- Intraocular lens (IOL) implantation
- Corneal transplantation surgery
- Glaucoma filtering surgery
- Surgical procedures to reattach the retina
- Vitrectomy

PRECAUTIONS AND SIDE EFFECTS

The normal precautions associated with anterior segment and retinal attachment surgeries should be observed to avoid intra-and/or postoperative increase in intraocular pressure (IOP). Aurogel should be removed by irrigation/aspiration at the end of the procedure. However, clinical trials have shown that Aurogel did not cause clinically significant elevation of IOP if some product remained in-situ after the surgery.

BIOCOMPATIBILITY

Result of acute, sub-acute and chronic toxicity studies together with the result of fertility, peri-and post-natal toxicity studies show that sodium hyaluronate is well tolerated.

SUPPLY

Sterile 1 ml pre-filled glass syringes

STORAGE

For better performance store between 2°C & 25°C
Refrigerated Aurogel should be kept at room temperature for 15 minutes before use.

AUROgel PLUS

(Sodium hyaluronate 1.6% w/v)

High Quality Viscoelastic Solution



- **Excellent corneal protection**
- **Excellent clinical outcome**
- **Stable anterior chamber**
- **CE Certified**

DESCRIPTION

Aurogel Plus (Sodium hyaluronate 1.6% w/v) is a sterile, isotonic, pyrogen-free, high viscosity, high molecular weight of Sodium hyaluronate dissolved in a buffered physiological solution for intraocular application. Aurogel plus is manufactured from the high degree of purified raw material that are derived by fermentation process. It is a clear solution in a ready-to-use syringe.

PROPERTIES

Concentration	: 16 mg/ml (1.6% w/v)
Molecular weight	: 3.0 - 3.5 million Daltons
Viscosity @25°C	: 80,000 - 1,50,000 cPs
Osmolality	: 250 - 350 mOsm/Kg
pH	: 6.8 - 7.6

CHARACTERISTICS DURING VARIOUS STEPS OF CATARACT SURGERY

- Higher viscosity offers good expansion of the Anterior chamber
- Biocompatible with aqueous humour and gives unimpaired visibility
- Maintains capsular bag for foldable IOL implantation that is safe and easy
- Allows to do consistent stress free capsulorhexis
- Free from preservatives and can be easily removed at the end of surgery
- Preserve corneal transparency throughout the surgery

INDICATIONS

- Cataract Extraction
- Intraocular lens (IOL) insertion
- Glaucoma filtering surgery
- Corneal transplantation surgery
- Retinal attachment surgery

PRECAUTIONS AND SIDE EFFECTS

The normal precautions associated with anterior segment and retinal attachment surgeries should be, observed to avoid intra-and/or postoperative increase in intraocular pressure (IOP). Aurogel plus should be removed by irrigation/aspiration at the end of the procedure. However, clinical trials have shown that Aurogel plus did not cause clinically significant elevation of IOP if some product remained in-situ after the surgery.

SUPPLY

Sterile 1 ml pre-filled glass syringes

STORAGE

For better performance store between 2°C & 25°C

Refrigerated Aurogel plus should be kept at room temperature for 15 minutes before use.