

Ovaprim™



Ovaprim™ is exclusively distributed by Syndel Laboratories Ltd. for fish culture

- Ovaprim™ is a potent ovulating/spermiating agent to promote and facilitate reproduction of many species of fish.
- Using Ovaprim™, time to ovulation following injection is highly predictable, with high egg fertility and viability.
- Additional equipment required: tank for sedation with aeration tank for recovery with aeration syringe and needles

Recommended Dose & Administration Method

Sedation for Handling

If sedation is required, use a plastic or glass tank of sufficient size in which to hold the fish. Anaesthetize with TMS (Tricaine Methanesulfonate) or Aquacalm (metomidate) at the recommended level, being sure to mix it thoroughly BEFORE adding the fish. Always handle fish gently, and only when necessary. Avoid contact between the anaesthetic solution and eggs or milt.

Dose calculation

Weigh or estimate the weight of the fish. The weight of the fish will determine the amount of Ovaprim™ required for injection.

$$\text{Weight of Fish} \times \text{Ovaprim Dosage} = \text{Amount of Injection}$$

Injecting Ovaprim™

- **Dose** - A general dose of Ovaprim™ is 0.5 ml per kilogram of body weight. This dose may vary among species and locations. Male carps may require a reduced dose. Ensure that an adequate ratio of males and females are induced at the same time.
 - For most carps, only a single dose of Ovaprim™ is required.
 - For some catfish, a split dose of one quarter and three quarters may be required, one to two hours apart.
- **Cleanliness** - Ensure that all equipment is clean and, if possible, sterilized. Always clean the needle with a cotton swab soaked in rubbing alcohol before and after each injection. Wear gloves.
- **Loading** - From the bottle of Ovaprim™ withdraw only enough solution as will be required for the weight of the fish. With the needle pointed upward, squeeze the syringe gently to expel any trapped air.
- **Injection** - Hold the fish firmly and insert the needle into the belly behind the pelvic fin or in the muscle on either side of the dorsal fin. Inject Ovaprim™ carefully, and quickly remove the needle. Gently place the fish into a container of fresh, aerated water.
- **Recovery** - After the fish has recovered from sedation (5 to 10 minutes), return it to the breeding tank. More than one fish may be induced at the same time.

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Presentation

Ovaprim™ is packaged ready for use in liquid form. Precise amounts for individual injection can be extracted safely from the bottle directly into a syringe

Composition

Ovaprim™ is a stable solution, the active ingredients of which are a patented synthetic analogue of gonadotropin releasing agent and a dopamine inhibitor.

Stability & Storage

Stored at room temperature (20 - 30°C) and out of direct sunlight, the shelf-life of Ovaprim™ exceeds 18 months.

Safety Precautions

OVAPRIM is a physiological agent used to stimulate ovulation or spermiation. Workers should avoid direct contact. Keep out of reach of children.

Note: This product is available in USA with INAD procedures and availability in other locales may also be subject to approvals or registration with local regulatory agencies.