

## Product Information

# HYALURONIDASE Type IV-S: From Bovine Testes

## Embryo Tested

**H4272**

## Product description

Hyaluronidase is an enzyme derived from bovine testes. It is used to remove the cumulus mass from newly ovulated eggs, when preparing the eggs for in vitro culture.

## Reagent

For laboratory use only. Not for drug, household or other uses.

## Product Use

Reconstitute 1 vial of hyaluronidase with 3 mL of M2 Medium (Cat. No. M7167 or M5910) or deionized water to obtain a 10 mg/mL stock solution. Dilute stock solution with M2 Medium to obtain a final working concentration of approximately 300 µg/mL.

## Product Storage

Store vial below 0 °C until ready to use. Freeze aliquots at -20 °C.

## Product Performance

Gonadotropins are used to super ovulate 20 female mice. The mice are then mated and preimplantation stage embryos are retrieved and counted. The embryos are treated with hyaluronidase until the cumulus mass is dissociated from the embryos. The embryos are cultured, viewed daily and progress of the embryos is recorded.

## References

1. Manipulating the Mouse Embryo: A Laboratory Manual. (1986) Hogan, B., Costantini, F., and Lacy, E. (eds). Cold Spring Harbor Laboratory, Cold Spring Harbor, NY.

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