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Product Information

HYALURONIDASE

Type IV-S: From Bovine Testes

Embryo Tested

Product No. H 4272

Store at -0 °C

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 (Product Nos. M 7167 or M 5910) 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 superovulate 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

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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