

Product Data Sheet

Cat # RP-1485

Human Menopausal Gonadotropin

**Size:** 1 mg

**Source:** *Urine of post-menopausal women* Menopausal Gonadotropin Human is produced from a sterile preparation of placental glucoprotein urine of post-menopausal women. The MG is purified by proprietary chromatographic techniques. The Human MG was lyophilized from a concentrated (1 mg/ml) solution with no additives.

**Usage:** This item is for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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**Application and Suggested Dilution:** It is recommended to reconstitute the lyophilized MG in sterile 18MΩ-cm H<sub>2</sub>O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions. Greater than 98.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE. Users must optimize concentration and conditions for each assay.

**Storage and Stability:** Lyophilized Menopausal Gonadotropin Human although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution MG should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). **Please prevent freeze-thaw cycles.** If supplied in powder then reconstitute it in 100 ul water for 1 mg/ml stock and store in liquid at 4°C for ~1 week or aliquots in suitable size and store at -20°C for long term storage.

**Biological Activity:** 100 IU/mg of FSH and 100 IU/mg LH.

**Contaminants:** Free of: HbsAg, Hepatitis B surface antigen and antibodies to HIV, Hepatitis C and HIV

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