

## ProductInformation

### INTERFERON, RAT

Produced in Rat Kidney cell cultures by stimulation with Poly I:C

Product No. **I4023**

Store at 2-8EC

#### Potency

150,000 International Reference Units/vial

Minimum  $1 \times 10^5$  International Reference Units/mg protein

Interferon potency has been established by multiple comparative assays with the interferon reference reagents provided by the Antiviral Substances Program, NIAID, NIH, using the modified vital dye-uptake assay.<sup>[1]</sup>

The protein concentration was established using the Coomassie blue-binding assay<sup>[2]</sup> with bovine serum albumin as standard.

Not assayed by Sigma.

#### Storage

Store desiccated at 2-8EC before reconstitution. After reconstitution the solution may be stored at 2-8EC if sterility has been maintained. If storage at -70EC is desired, dilute with a 1 mg/ml solution of serum albumin and freeze in aliquots. Repeated freezing and thawing is **not** recommended and may cause significant loss of activity.

#### References

1. Finter N.B., J. Gen. Virol., **5**, 419-425 (1969)
2. Bradford M., Anal. Biochem., **72**, 248-254 (1976)

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#### Reconstitution

Reconstitute vial with 1.0 ml sterile, pyrogen free water. Mix solution by gentle swirling at room temperature for approximately 30 minutes prior to use. Once reconstituted, the interferon is in a solution containing 0.4 M glycine HCl, pH 3.5.

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