

## Human Prolactin Reference standard

Cat. No. PRL-75H Lot. No. (See product label)

### SPECIFICATION

**Species**

Human

**Enzyme Unit**

It was agreed by the participants of the collaborative study that, on the basis of this study, each ampoule of the STANDARD contains 63 milli international units.

**Usage**

For practical purposes each ampoule contains the same quantity of the substances listed above. Dissolve the total contents of the ampoule in a known volume of a suitable solvent with carrier protein where extensive dilution is required. No attempt should be made to weigh out any portion of the freeze-dried material. Unopened ampoules of the material should be stored below 4 °C. The ampoules do not contain bacteriostat and solutions of them should not be assumed to be sterile.

**Notes**

This preparation is not for administration to humans. The preparation contains material of human origin, and either the final product or the source materials, from which it is derived, have been tested and found negative for HBsAg, anti-HIV and HCV RNA. As with all materials of biological origin, this preparation should be regarded as potentially hazardous to health. It should be used and discarded according to your own laboratorys safety procedures. Such safety procedures should include the wearing of protective gloves and avoiding the generation of aerosols. Care should be exercised in opening ampoules or vials, to avoid cuts.

**Storage**

Unopened ampoules should be stored at -20°C. Please note: because of the inherent stability of lyophilized material, Creative Biomart may ship these materials at ambient temperature.

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## GENE INFORMATION

<b>Gene Name</b>	PRL prolactin [ Homo sapiens ];
<b>Official Symbol</b>	PRL
<b>Synonyms</b>	PRL; prolactin; decidual prolactin;
<b>Gene ID</b>	5617
<b>mRNA Refseq</b>	NM_000948
<b>Protein Refseq</b>	NP_000939
<b>MIM</b>	176760
<b>UniProt ID</b>	P01236
<b>Chromosome Location</b>	6p22.2-p21.3
<b>Pathway</b>	Amyloids, organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Disease, organism-specific biosystem; ErbB4 signaling events, organism-specific biosystem; Glucocorticoid receptor regulatory network, organism-specific biosystem;
<b>Function</b>	hormone activity; prolactin receptor binding;

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