

Prostate Specific Antigen (free) Reference standard

Cat. No. PSA-200H Lot. No. (See product label)

SPECIFICATION

Product Overview	This consists of a batch of vials containing seminal plasma-derived prostate-specific antigen (PSA) analysed by international collaborative study.
Species	Human
Enzyme Unit	The assigned content is 1µg total PSA per vial.
Usage	For practical purposes each vial contains the same quantity of PSA. The entire content of each vial should be completely dissolved in an accurately measured amount of distilled water. No attempt should be made to weigh out portions of the freeze dried powder. On reconstitution with 2ml distilled water, each vial will contain 500ng/ml free PSA. Subsequent dilutions should be carried out with an appropriate diluent. Free PSA retains some enzymatic activity and can react with protease inhibitors so serum-based matrices should not be used. The material has not been sterilized and the vials contain no bacteriostat.
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 it should be regarded as potentially hazardous. It should be used and discarded according to your own laboratorys safety procedures. Such safety procedures probably will include the wearing of protective gloves and avoiding the generation of aerosols. Care should be exercised in opening ampoules or vials, to avoid cuts by glass and metal edges.

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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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