

Native Human Alpha-1-Antitrypsin Reference Standard

Cat. No. AAT-14HRS **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	Human Plasma
Tag	Non
Form	White powder
Usage	Plasma-derived therapeutic AAT products are used to treat AAT deficiency (Alpha-1), a genetic disorder identified in virtually all populations that can cause liver and lung disease in adults and children.
Storage	Unopened ampoules should be stored in the dark at or below -20°C.
contents	After reconstitution each ampoule will contain, in addition to active AAT, phosphate buffer and saline (17 mM phosphate; 38 mM chloride, 81 mM sodium at pH 7.0) and 144 mM mannitol added as a bulking agent. No other proteins were added.
Shipping	Because of the inherent stability of lyophilized material, may ship these materials at ambient temperature.
USE OF MATERIAL	No attempt should be made to weigh out any portion of the freeze-dried material prior to reconstitution.

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This International Standard is intended to be a primary reference material for local calibrators and should not be used as a reagent. Ampoules should be stored at -20 °C or below (but are shipped at ambient temperatures and are stable for short periods). Before use, the ampoules should be warmed to room temperature and the contents of the ampoule should be reconstituted in 1 ml of distilled water and stored on ice for use within the same day.

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