

# Albufree<sup>DX</sup>

Recombinant Human Albumin  
Lyophilized Powder

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## PRODUCT DESCRIPTION

Albufree<sup>DX</sup> is Proliant's diagnostic-grade recombinant human serum albumin, produced through fermentation of *C1 (Thermothelomyces heterothallica)* and purified to ensure exceptional stability, consistency, and performance. Designed as a reliable alternative to human-derived albumin, Albufree<sup>DX</sup> is widely used in *in vitro* diagnostic applications as a blocking, stabilizing, and binding agent. The protein is caprylate-stabilized to support high monomer content and enhanced stability following reconstitution. Albufree<sup>DX</sup> is hormone-free, immunoglobulin-free, and animal-origin-free, making it an ideal choice for applications where reproducibility, safety, and performance are critical.

## SPECIFICATIONS

Product SKU	Albufree <sup>DX</sup> - Lyophilized Powder 63100	
	Specification	Method
Purity	≥98.0%	SDS-PAGE
Protein (Dry Basis)	≥90.0%	Total Nitrogen
Moisture	≤5.0%	Loss on Drying
pH	6.5 to 7.5	10% Solution in water
Total Microbial Count	≤500 CFU/g	USP<61>, EP2.6.12

## PACKAGING

Format	Sizes
Powder in Bottles	1g, 10g, 100g, 1kg

*Product packaged in Nalgene plastic bottles*

## SHELF LIFE

Albufree<sup>DX</sup> has a shelf life of 24 months from the date of manufacture when stored in its original, unopened container at recommended storage conditions.

## STORAGE

Dry powder should be stored at 2-8°C, protected from the light.  
*For Research Use or Further Manufacturing*