

## NOTIFICATION: PLASMA SUPPLY CHAIN CONTINUITY

**Date:** April 06, 2026

**Subject:** Supply Chain Continuity: Raw Material Supply for BSA production

Dear Valued Customer:

Historically, Proliant Biologicals exclusively used plasma from bovine animals that passed both ante- and postmortem inspection to produce a majority of BSA SKUs. Due to raw material supply chain disruption beyond the control of Proliant Health and Biologicals the availability of this specific raw material has been temporarily disrupted. To ensure a consistent supply of BSA for our customers, Proliant Biologicals has approved raw material suppliers providing liquid plasma that has passed ante-mortem inspection to manufacture all Bovine Serum Albumin SKUs at the Boone, IA production facility. These suppliers have been rigorously tested and validated to ensure no differences in finished products.

US (USDA) and EU (European Commission) regulations require only ante-mortem inspection for treated blood products, such as BSA. All PHB suppliers of liquid plasma meet the regulatory requirements of ante-mortem inspection to produce BSA and satisfy export/import requirements. Product quality and processes for BSA remain unchanged.

The certificate of origin (COO) for BSA finished products is being updated to reflect the additional suppliers which provide liquid plasma that has passed ante-mortem inspection. For those unique situations where postmortem inspection may be needed by customers, new SKU's will be created for finished products where the liquid plasma passed both ante- and postmortem inspection when available.

These efforts are part of our long-term commitment to quality and reliability as the world's premier BSA manufacturer. Please direct any questions to your Proliant Biologicals sales representative or Customer Service.

Sincerely,

*Daniel R Mallin*

Dan Mallin, PhD.  
Director: Quality and Regulatory Affairs