

— PROTEIN & ENZYME STABILIZER · BSA ALTERNATIVE

A BSA alternative *without the lot-to-lot drift.*

5D Protein Stabilizer is a sterile 10% solution of hydrolyzed porcine collagen peptides — an extremely pure, non-antigenic gelatin type A, free of contaminating proteins. A drop-in BSA alternative (and a dependable second source for Prionex®-class stabilizers) that protects proteins and enzymes through lyophilization, freeze-thaw, heat and chaotropes, prevents surface adsorption, and blocks non-specific binding — with minimal lot-to-lot variation.

PROTEIN STABILIZER · 5-DIAGNOSTICS

5D Protein Stabilizer

10% hydrolyzed porcine collagen peptides · gelatin type A

- **BSA alternative** with **minimal lot-to-lot variation** — extremely pure gelatin type A, non-antigenic.
- Maintains **biological activity** through lyophilization, freeze-thaw cycles, urea and ethanol.
- Prevents **protein adsorption** on glass and plastic surfaces.
- Stabilizes proteins and enzymes during **heat treatment** and extends shelf life.
- **Blocks non-specific binding** in immunoassays; supports cell attachment in culture.

5D-82411B · Sterile liquid · RUO

1000 mL

WHY COLLAGEN PEPTIDES OVER BSA

BSA brings real **lot-to-lot variability** and serum-derived baggage. A purified collagen-peptide fraction gives a **defined, consistent matrix** — no serum proteins, no antigenicity.

One reagent covers **stabilization, adsorption blocking and immunoassay blocking** — across lyophilization, heat and chaotrope stress.

Ready-to-use sterile liquid; aliquot and store frozen after first use.

— WHERE IT IS USED

IVD reagent stabilization

Enzyme & protein shelf-life

Lyophilization excipient

Freeze-thaw protection

Immunoassay blocking

Adsorption prevention

Cell culture additive

Calibrator & control matrices

— COMPLETE THE 5-DIAGNOSTICS AUXILIARY BENCH

DOAC-Remove™

DOAC removal — activated-charcoal tablets that clear apixaban, rivaroxaban, edoxaban & dabigatran from plasma; 20 / 50 / 250 – test sizes (5D-82410A/B/C).

Regulatory: 5D Protein Stabilizer (5D-82411B) is an **auxiliary reagent** — a sterile 10% solution of hydrolyzed porcine collagen peptides (gelatin type A) for research and manufacturing use; not for use in diagnostic procedures on its own. Supplied as 1000 mL, ready to use; aliquot and store frozen after opening. Free of contaminating proteins and non-antigenic; stabilization and blocking performance depend on the protein and formulation — validate in your system. Manufactured by 5-Diagnostics and distributed by Aniara Diagnostica. **Prionex® is a registered trademark of Pentapharm AG, referenced for cross-identification only.** Pack sizes and pricing on request. Therapeutic agents named are referenced as analytes / scientific context and are not Aniara products. © 2026 Aniara Diagnostica, Inc.