Bovine Serum Albumin ELISA kit

Easy-to-use BSA ELISA kit for optimizing purification processes during bioproduction, as well as testing the final product

The BSA ELISA kit is a colorimetric competitive enzyme immunoassay kit with results in 2 hours.

Bovine serum albumin (BSA) is a serum albumin protein derived from cows. The mature BSA protein contains 583 amino acids. BSA, like other serum albumins, is critical in providing oncotic pressure within capillaries, transporting fatty acids, bilirubin, minerals and hormones, and functioning as both an anticoagulant and an antioxidant. BSA has numerous biochemical applications including ELISAs (Enzyme-Linked Immunosorbent Assay), immunoblots, and immunohistochemistry. BSA is a major component of fetal bovine serum (FBS), which is commonly used in mammalian cell culture media for the production of recombinant biologics.

Ordering Information

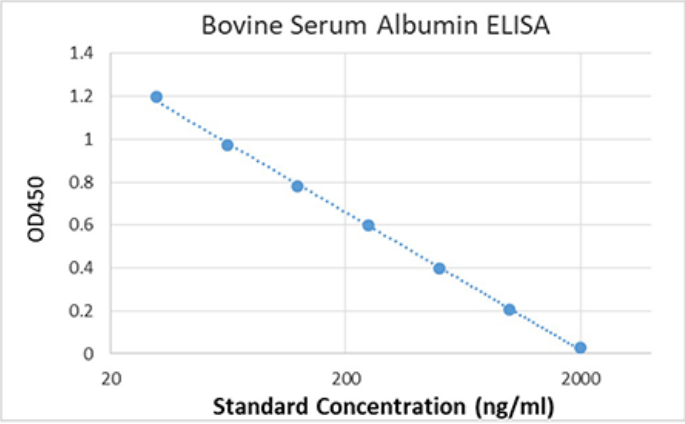
Order Online »

ENZ-KIT220-0001	96 wells

Manuals, SDS & CofA

View Online »

- Competitive enzyme-linked immunosorbent assay for specific quantification of Bovine Serum Albumin
- Minimum detection limit - 80 ng/ml
- Results in less that 1h


Bovine Serum Albumin ELISA
OD450
1.4
1.2
1
0.8
0.6
0.4
0.2
0
20
200
2000
Standard Concentration (ng/ml)

Handling & Storage

Long Term Storage	+4°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	BSA
Application	Colorimetric detection, ELISA
Application Notes	For the quantitative determination of Bovine Serum Albumin in plasma, serum, adherent and suspension cell culture
Assay Time	45 minutes
Compatibility	This product is compatible with the **Absorbance 96 Plate Reader**.
Contents	Anti-BSA antibody coated Microtiter plate, BSA Standard, BSA:HRP Conjugate (concentrated), Sample Diluent, HRP Conjugate Dilution Buffer, Wash buffer concentrate (20x), TMB Substrate, Stop solution
Crossreactivity	No significant cross-reactivity or interference between BSA and analogues was observed.
Sensitivity	94 ng/ml (range 156 – 5000 ng/ml)
Species Reactivity	Bovine
Wavelength	450 nm

Last modified: June 4, 2025

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.