

VeraBIND Biomarker Purification Kit

The VeraBIND™ Biomarker Purification Kit is a powerful tool designed to clean, capture, and purify biomarkers from serum, plasma, saliva, or saline oral rinse samples. Whether you are working in clinical research, biomarker discovery, or assay development, this kit provides all the necessary reagents for efficient biomarker purification, ensuring high-quality results.

Key Features:

Comprehensive Biomarker Purification:

Efficiently purifies specific biomarkers from serum, plasma, saliva, or saline oral rinse using custom VeraBIND Capture Beads, which can be tailored to your specific research needs.

Advanced Interference Removal:

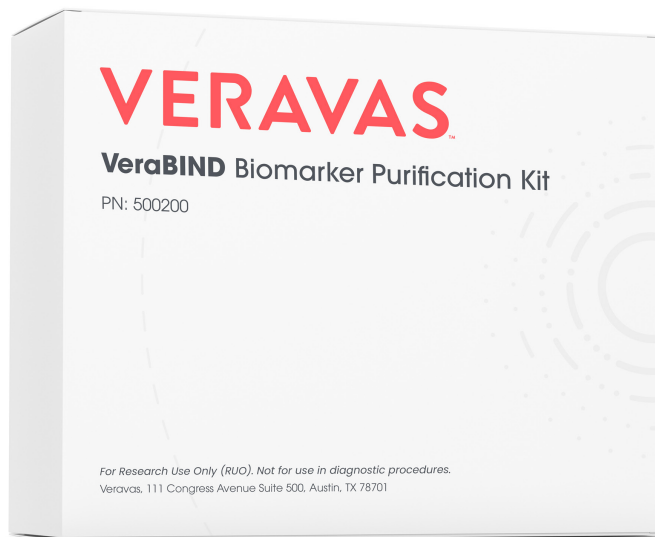
Utilizes proprietary VeraBIND Clean Beads to pre-analytically remove sample interferences and non-specific binding, ensuring cleaner input for biomarker capture.

Customizable Capture Beads:

The kit allows you to customize VeraBIND™ Capture Beads with your biotinylated antibodies or antigens using the VeraBIND Streptavidin Beads Protein Coating Kit, making it adaptable for various biomarkers.

Scalable Protocol:

Suitable for both small and large sample volumes, making it an ideal solution for high-throughput applications as well as focused biomarker studies.



Applications:

Clinical Research:

Ideal for isolating and purifying biomarkers from complex biological samples, enhancing the sensitivity and specificity of diagnostic assays.

Biomarker Discovery:

Supports the identification and validation of new biomarkers, providing clean, concentrated samples for further analysis.

Assay Development:

Facilitates the development of robust assays by providing high-purity biomarkers, essential for accurate and reliable assay performance.

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How It Works:

Sample Preparation:

The VeraBIND Clean Beads are used to pre-analytically samples, removing heterophilic antibodies, autoantibodies, and other non-specific bindings.

Biomarker Capture:

Custom VeraBIND Capture Beads, coated with biotinylated antibodies or antigens, are added to the cleaned samples to capture and purify the specific biomarkers of interest.

Purification and Elution:

The bound biomarkers are purified using proprietary wash, elution, and neutralization buffers, resulting in highly pure biomarker samples ready for downstream applications.

Kit Includes:

- VeraBIND™ Clean Beads
- 25X Wash Buffer
- Elution Buffer
- Neutralization Buffer
- Phosphate Buffer Saline

Materials Required But Not Provided:

- Vortex mixer, laboratory rocker, multi-channel pipettes, well plates, plate magnets
- VeraBIND™ Streptavidin Beads Protein Coating Kit (Part Number 400157) to prepare custom antigen-coated VeraBIND Capture Beads
fluorescent reader.

Ordering Information:

Product Name:

VeraBIND™ Biomarker Purification Kit

Catalog Number:

500200

Regulatory Status:

For Research Use Only.
Not for use in diagnostic procedures.

Veravas products are distributed globally, so uses, applications, and availability of product in each country depend on local regulatory marketing authorization status. Specifications, terms, and pricing are subject to change.