

Unlock the Full Potential of Your Assays with VeraBIND Clean Beads

In the realm of scientific research, precision and accuracy are paramount. The VeraBIND™ Clean Beads Kit is designed to elevate the quality of your immunoassays by effectively removing a wide range of endogenous human immunoglobulin interferences from serum, plasma, saliva, or saline oral rinse samples. Whether you are working with complex biological matrices or aiming to enhance the sensitivity of your assays, VeraBIND Clean Beads offer a reliable and efficient solution.

Key Features:

Advanced Interference Removal:

VeraBIND Clean Beads target and remove human anti-mouse antibodies (HAMA), rheumatoid factor (RF), and various non-specific autoantibodies (IgG, IgA, IgM) that can compromise the accuracy of your results. This includes antibodies against animal immunoglobulins, streptavidin, biotin, polyhistidine tags, and more.

Proprietary Paramagnetic Technology:

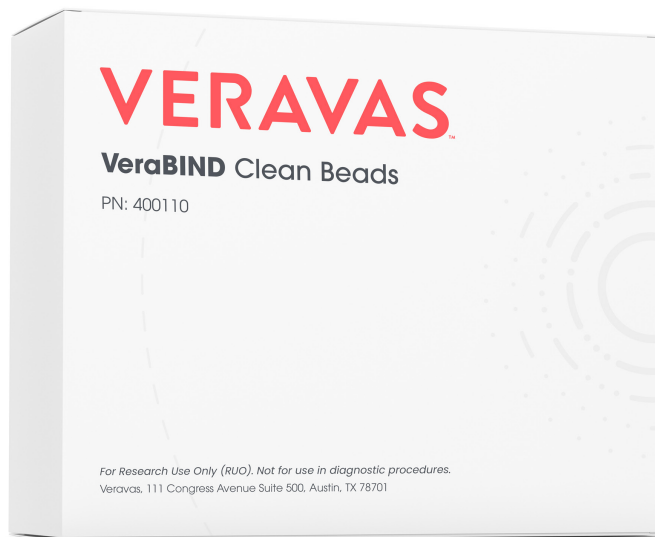
Our beads are crafted with cutting-edge paramagnetic technology, ensuring swift and thorough separation of unwanted components from your samples without the need for centrifugation.

Versatile Application:

Ideal for use in various laboratory settings, VeraBIND Clean Beads are compatible with standard 96-well plates, deep well plates, and 2mL microtubes. This versatility makes them suitable for a wide range of sample volumes (50 µL to 1,000 µL).

Enhanced Assay Performance:

By pre-analytically removing interfering substances, VeraBIND™ Clean Beads enhance the efficacy of subsequent assays, leading to more reliable and reproducible data.



Applications:

Clinical Research:

Enhance the accuracy of immunoassays by removing interferences that can lead to false-positive or false-negative results.

Pharmaceutical Development:

Ensure the integrity of your bioanalytical methods when analyzing biological samples.

Biotechnology:

Improve the sensitivity of assays in diagnostic research and development.

How It Works:

Simple Protocol:

VeraBIND Clean Beads pre-analytically remove serum or plasma-based interferences and enhance the efficacy of subsequent assay results through a marked reduction or complete elimination of endogenous human immunoglobulin interferences.

Efficient Processing:

After mixing the beads with your sample, a brief incubation at 37°C ensures optimal binding and removal of interferences. The entire process is streamlined, minimizing the risk of sample loss or contamination.

Ready for Testing:

Once the interferences are removed, your sample is ready for immediate use in downstream applications, ensuring that your assays deliver the most accurate results possible.

No Dilution:

The use of Clean Beads does not dilute the sample as the storage solution is magnetically removed prior to adding the sample.

Interferences Removed

Proprietary paramagnetic VeraBIND™ Clean Beads specifically target and efficiently remove a broad spectrum of endogenous human immunoglobulin interferences from serum and plasma. This includes heterophilic interference and autoantibody interference against the list below as well as non-specific binding (NSB) interference to the solid phase used in the assay.

- **Rheumatoid factor (RF)**
- **Mouse antibodies (HAMA)**
- **Goat antibodies**
- **Rabbit antibodies**
- **Sheep antibodies**
- **Bovine antibodies**
- **Human IgG**
- **Human IgA**
- **Human IgM**
- **Streptavidin**
- **Biotin**
- **Polyhistidine tags (e.g., 6his, 8his)**
- **Bovine serum albumin (BSA)**
- **Polyethylene glycol (PEG)**

Kit Includes:

- **VeraBIND™ Clean Beads**
- **Phosphate Buffer Saline**

Materials Required But Not Provided:

- **Vortex mixer, laboratory rocker, multi-channel pipettes, well plates, plate magnets or VeraMag™ Part No. 500020, or equivalent**

Ordering Information:

Product Name:

VeraBIND™ Clean Beads

Catalog Number:

400110

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.