

Scantibodies Blocking Reagents for Assay Manufacturers (Active Blockers)

3KC533 - Heterophilic Blocking Reagent (HBR), 20mg/ml

It contains specific murine immunoglobulins that block the heterophilic interaction by active binding to the heterophilic antibodies, which are capable of cross linking the capture and the detection antibodies used in the immunoassay, resulting in false positive readings. The attachment of HBR-1 to the heterophilic antibodies blocks this cross-linking, and eliminates the interference caused by the heterophilic antibodies in the humoral fluids. In addition to its active blocking, this product is also characteristic of its passive blockage of the heterophilic interaction as well. The HBR is a liquid reagent with a protein concentration of 20 ± 2 mg/ml. The immunoglobulins are dissolved in a phosphate buffer with a pH of 7.4. The immunoglobulins in this product are at a purity of greater than or equal to 95% as shown by SDS-PAGE.

3KC534-075 - Heterophilic Blocking Reagent (HBR), 2mg/ml

The HBR contains immunoglobulins of murine origin with specific binders that neutralize by active attachment to the heterophilic antibody. The attachment of HBR to the heterophilic antibodies renders the heterophilic antibodies incapable of cross linking the capture and the label antibodies in the immunoassay. The HBR is a liquid reagent with a protein concentration of 2 ± 0.1 mg/ml. The immunoglobulins are dissolved in a phosphate buffer with a pH of 7.0 - 7.4. The immunoglobulins in the HBR are at a purity of greater than or equal to 95%.

3BX484 - HBR-1, Non Purified

This product contains the same heterophilic blocking components of HBR -1 in a non-purified form at a concentration of 2 -3g /dL. Therefore, its total protein concentration is higher than HBR-1 Purified due to presence of some non-HBR proteins. Some customers prefer this product that further reduces the non-specific interaction which can lead to falsely elevated results.

3KC535 - HBR-2, Purified

This product represents a variation in formulation with similar essential characteristics compared to HBR-1-Purified. It has a concentration of 7-8 mg/ml.

3KC701 - HBR-3, Purified

Each vial contains approximately 4 mg of immunoglobulins. This product represents a variation in formulation with similar essential characteristics compared to HBR-1 Purified. The special formulation is designed to enhance its blocking capability at a lower concentration of immunoglobulins.

3KC542 - HBR-6, Purified

Each vial of HBR-6 contains approximately 10 mg of immunoglobulins. This HBR-6 is specially formulated to enhance its heterophilic blocking ability. The immunoglobulins in this reagent are at a purity of greater than or equal to 95%.

3KC564 - HBR-9, Purified

The HBR-9 is also one of our newly formulated products developed as an alternative for the HBR Plus, 3KC545. It contains immunoglobulins with different characteristics. It is specially formulated for application for immunoassays in which both the capture and detection antibodies are of murine origin. Like HBR Plus, this product is characteristics for its active as well as passive blocking efficacy. Each vial of this product contains approximately 20 mg of immunoglobulins, which are at a purity of greater than 90%.

3KC565 - HBR-11, Purified

The HBR-11 is also one of our newly formulated products. This product is formulated with murine immunoglobulins. In addition to the products listed above, the HBR-11 provides our customers with more selection for heterophilic blockage. Each vial of this product contains approximately 20 mg of immunoglobulins, which are at a purity of greater than 90%.

3KC545 - HBR-Plus, Purified

The HBR Plus is one of our newly formulated products developed as an alternative for HBR-1. This product is compounded with immunoglobulins with different characteristics. Therefore, in addition to its active blocking characteristics, the special formulation and production procedures enhance its efficacy in its passive blocking ability as well. Each vial of this HBR Plus contains approximately 20 mg of immunoglobulins.