Polyclonal Rabbit
Anti-Human
Retinol-Binding Protein

Code A0040

Intended use
For in vitro diagnostic use.
Polyclonal Rabbit Anti-Human Retinol-Binding Protein (RBP), Code A0040, is intended for the determination of RBP in gel immunoprecipitation techniques, ELISA (1, 2). Interpretation of results must be made within the context of the patient’s clinical history and other diagnostic tests by a certified professional.

Reagent provided
Purified immunoglobulin fraction of rabbit antiserum provided in liquid form. In 0.1 mol/L NaCl, 15 mmol/L NaN₃.
Protein concentration g/L: See label on vial.
The titre variation between different lots of A0040 is less than 10%. This is achieved by adjusting the titre of each individual lot to match the titre of an antibody reference preparation kept at -80°C.

Immunogen
Retinol-binding protein isolated from a pool of urines from patients with tubular proteinuria.

Specificity
The antibody reacts with RBP in human plasma and urine. Traces of contaminating antibodies have been removed by solid-phase absorption with human plasma and urine proteins.
The specificity of the antibody has been ascertained as follows:
Crossed immunoelectrophoresis: Only the retinol-binding protein precipitation arch appears when using 12.5 µL A0040 per square cm gel area against 2 µL plasma or 2 µL concentrated urine from patients with tubular proteinuria. Staining: Coomassie Brilliant Blue.

Precautions
1. For professional users.
2. This product contains sodium azide (NaN₃), a chemical highly toxic in pure form. At product concentrations, though not classified as hazardous, sodium azide may react with lead and copper plumbing to form highly explosive build-ups of metal azides. Upon disposal, flush with large volumes of water to prevent metal azide build-up in plumbing.
3. As with any product derived from biological sources, proper handling procedures should be used.
4. The product may be used in different techniques and in combination with different sample types and materials, therefore each individual laboratory should validate the test system applied.

Storage
Store at 2-8°C. Do not use after expiration date stamped on vial. If reagents are stored under any conditions other than those specified, the user must verify the conditions. There are no obvious signs to indicate instability of this product.

References