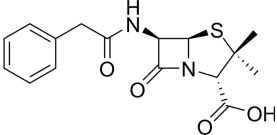


Product information

| | | |
|--------------------------|--|--|
| Antibody name: | anti-penicillin G |  <p>Structure of penicillin G</p> |
| Product number: | G34P-1 | |
| Quantity: | 100 µl | |
| Clonality/purity: | polyclonal antibodies | |
| Host: | rabbit | |
| Immunogen: | penicillin G | |
| Applications: | ELISA. Optimal dilutions are dependent on conditions and should be determined by the user. Other applications not tested. | |
| Specificity: | reacts with penicillin G (100%), penicillin acid (90%), cloxacillin (110%), dicloxacillin (70%), | |
| Storage buffer: | Phosphate buffered saline, pH 7.2; 0.05% Sodium Azide (NaN ₃) | |
| Storage: | Store at +4 °C up to one month or in aliquots at -20 °C for longer. Avoid repeated freezing and thawing. | |
| Description: | Benzylpenicillin, commonly known as penicillin G, is the gold standard penicillin. Penicillin G is typically given by a parenteral route of administration (not orally) because it is unstable in the hydrochloric acid of the stomach. Because the drug is given parenterally, higher tissue concentrations of penicillin G can be achieved than is possible with phenoxymethylpenicillin. These higher concentrations translate to increased antibacterial activity. | |
| Related products: | The antibodies are available in the form of ELISA-tests and immunosticks for rapid sample preparation. Please, contact us for information on these products. | |