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## Product Datasheet

### Goat Anti-Bovine IgG F(ab)2 Antibody Peroxidase Conjugated - 601-1304, HRP, Polyclonal DNA-SEC-182725

|                            |   |
|----------------------------|---|
| Article Name               | Goat Anti-Bovine IgG F(ab)2 Antibody Peroxidase Conjugated - 601-1304, HRP, Polyclonal  |
| Biozol Catalog Number      | DNA-SEC-182725  |
| Supplier Catalog Number    | DNA-SEC-182725  |
| Alternative Catalog Number | DNA-SEC-182725  |
| Manufacturer               | dianova   |
| Host                       | Goat  |
| Category                   | Antikörper  |
| Application                | ELISA   |
| Species Reactivity         | Bovine  |
| Immunogen                  | Bovine IgG F(ab)2 fragment  |
| Conjugation                | HRP   |
| Format                     | IgG   |
| Target Specificity         | IgG (F(ab')2)   |
| Cross-Adsorption (MinX)    | no cross-adsorbtion   |
| Product Description        | Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. Immunoglobulin G binds to viruses, bacteria, as well as fungi and facilitates their destruction or neutralization via agglu... |

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|--------------------|--|
| Clonality          | Polyclonal   |
| Concentration      | 2.0 mg/mL  |
| Isotype            | Ig   |
| Buffer             | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2   |
| Purity             | This product was prepared from monospecific antiserum by immunoaffinity chromatography using Bovine IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Goat Serum, Bovine IgG, Bovine IgG F(ab)2 and Bovine Serum. No reaction was observed against Bovine IgG F(c). |
| Form               | Lyophilized  |
| Formula            | 20 mM K3PO4,150 mM NaCl,pH 7,2,lyophilisate,0,01% Gentamicin   |
| Target             | Bovine   |
| Antibody Type      | Secondary Antibody   |
| Application Dilute | ELISA Dilution: 1:10,000 - 1:50,000, Immunohistochemistry Dilution: 1:500 - 1:2,500, Western Blot Dilution: 1:1,000 - 1:10,000   |
| Application Notes  | Anti-Bovine IgG F(ab)2 Peroxidase conjugate has been tested by ELISA and is suitable for immunoblotting (western or dot blot), ELISA, immunoelectron microscopy and immunohistochemistry as well as other antibody-based enzymatic assays requiring lot-to-lot consistency.  |