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## Product Datasheet

### Goat IgG anti-Bovine IgG (Fc)-FITC, MinX none DNA-SEC-182722

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Goat IgG anti-Bovine IgG (Fc)-FITC, MinX none                                                                                                                                                                                                                 |
| Biozol Catalog Number      | DNA-SEC-182722                                                                                                                                                                                                                                                |
| Supplier Catalog Number    | SEC-182722                                                                                                                                                                                                                                                    |
| Alternative Catalog Number | DNA-SEC-182722                                                                                                                                                                                                                                                |
| Manufacturer               | dianova                                                                                                                                                                                                                                                       |
| Host                       | Goat                                                                                                                                                                                                                                                          |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | FLISA,FACS,IF                                                                                                                                                                                                                                                 |
| Species Reactivity         | Bovine                                                                                                                                                                                                                                                        |
| Immunogen                  | Bovine IgG F(c) fragment                                                                                                                                                                                                                                      |
| Conjugation                | FITC                                                                                                                                                                                                                                                          |
| Format                     | IgG                                                                                                                                                                                                                                                           |
| Target Specificity         | IgG (Fc)                                                                                                                                                                                                                                                      |
| 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... |
| Clonality                  | Polyclonal                                                                                                                                                                                                                                                    |

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| Concentration      | 2.0 mg/mL                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Isotype            | Ig                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Buffer             | 0.01 M Sodium Phosphate, 0.25 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-Fluorescein, anti-Goat Serum, Bovine IgG, Bovine IgG F(c) and Bovine Serum. No reaction was observed against Bovine IgG F(ab). |
| Form               | Lyophilized                                                                                                                                                                                                                                                                                                                                                                                                                |
| Formula            | 10 mM NaPO <sub>4</sub> , 250 mM NaCl, pH 7.2, lyophilisate, 0.05% NaN <sub>3</sub>                                                                                                                                                                                                                                                                                                                                        |
| Target             | Bovine                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Antibody Type      | Secondary Antibody                                                                                                                                                                                                                                                                                                                                                                                                         |
| Application Dilute | FLISA Dilution: 1:10,000 - 1:50,000, Flow Cytometry Dilution: 1:500 - 1:2,500, Fluorochrome Protein Value: 3.3, IF Microscopy Dilution: 1:1,000 - 1:5,000                                                                                                                                                                                                                                                                  |
| Application Notes  | This product is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.                                                                                                                                                          |