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## Product Datasheet

### Goat IgG anti-Human IgM (μ)-HRPO, MinX none DNA-SEC-183025

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Goat IgG anti-Human IgM (μ)-HRPO, MinX none                                                                                                                                                                                                                   |
| Biozol Catalog Number      | DNA-SEC-183025                                                                                                                                                                                                                                                |
| Supplier Catalog Number    | SEC-183025                                                                                                                                                                                                                                                    |
| Alternative Catalog Number | DNA-SEC-183025                                                                                                                                                                                                                                                |
| Manufacturer               | dianova                                                                                                                                                                                                                                                       |
| Host                       | Goat                                                                                                                                                                                                                                                          |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | ELISA,IHC,WB                                                                                                                                                                                                                                                  |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Human IgM whole molecule                                                                                                                                                                                                                                      |
| Conjugation                | HRPO                                                                                                                                                                                                                                                          |
| Format                     | IgG                                                                                                                                                                                                                                                           |
| Target Specificity         | IgM (μ)                                                                                                                                                                                                                                                       |
| Cross-Adsorption (MinX)    | no cross-adsorbtion                                                                                                                                                                                                                                           |
| Product Description        | Anti-Human IgM (mu heavy chain) Peroxidase generated in goat detects specifically Human IgM mu heavy chain. Immunoglobulin M is the largest antibody isotype and the first to be secreted against an initial exposure to antigen. IgM is predominantly pro... |
| Clonality                  | Polyclonal                                                                                                                                                                                                                                                    |

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| Concentration      | 1.0 mg/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Isotype            | Ig                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Buffer             | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2                                                                                                                                                                                                                                                                                                                                                                                                             |
| Purity             | Human IgM (mu chain) Antibody, Peroxidase Conjugated, was prepared from monospecific antiserum by immunoaffinity chromatography using antigens 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, Human IgM and Human Serum. No reaction was observed against other human heavy or light chain proteins. |
| Form               | Lyophilized                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Formula            | 20 mM K3PO4,150 mM NaCl,pH 7,2,lyophilisate,0,01% Gentamicin                                                                                                                                                                                                                                                                                                                                                                                                           |
| Target             | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Antibody Type      | Secondary Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Application Dilute | ELISA Dilution: 1:180,000, Immunohistochemistry Dilution: 1:500 - 1:2,500, Western Blot Dilution: 1:2,000 - 1:20,000                                                                                                                                                                                                                                                                                                                                                   |
| Application Notes  | Anti-Human IgM (mu heavy chain) Peroxidase is suitable for immunoassays where specificity to the immunoglobulin mu chain region is desired. Antibody has been tested by ELISA, western blot immunoblot, and immunohistochemistry. Optimal concentrations in immunoassays should be determined by the researcher.                                                                                                                                                       |