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## Product Datasheet

### Human Collagen Type I protein, Unconjugated BYT-ORB750381

|                            |   |
|----------------------------|---|
| Article Name               | Human Collagen Type I protein, Unconjugated   |
| Biozol Catalog Number      | BYT-ORB750381   |
| Supplier Catalog Number    | orb750381   |
| Alternative Catalog Number | BYT-ORB750381-500   |
| Manufacturer               | Biorbyt   |
| Category                   | Proteine/Peptide  |
| Application                | ELISA, IHC, SDS-PAGE, WB  |
| Conjugation                | Unconjugated  |
| Product Description        | Human Collagen Type I protein...  |
| Concentration              | 1.0 mg/mL   |
| NCBI                       | <a href="#">000079</a>  |
| UniProt                    | <a href="#">P02452</a>  |
| Buffer                     | 0.01% (w/v) Sodium Azide  |
| Source                     | Human   |
| Purity                     | Human Collagen type I has been prepared from human placenta and is chromatographically and immunologically pure. This product is free from other collagens, human serum proteins and non-collagen extracellular matrix proteins. Human Collagen type I reacts with anti-Collagen Type I. Reaction of Human Collagen type I with anti-Collagen II, III, IV, V or VI is negligible (typically less than 1% cross-reactivity was detected by ELISA). |

|                    |  |
|--------------------|--|
| Form               | Liquid (sterile filtered)  |
| Target             | COL1A1/COL1A2  |
| Application Dilute | IF: 1:100-1:500, WB: 1:1000  |
| Application Notes  | Biological Origin: Human. Application Notes: Human Collagen type I purified protein standard is used as a control in ELISA and western blot. Collagen type I is recognized by type specific anti-collagen antibodies that recognize a native three-dimensional structure |