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## Product Datasheet

### **DNA Polymerase IV, Recombinant, Colwellia Psychrerythraea, aa1-352, (dinB) USB-405912**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | DNA Polymerase IV, Recombinant, Colwellia Psychrerythraea, aa1-352, (dinB)                                                                                                                                                                                    |
| Biozol Catalog Number      | USB-405912                                                                                                                                                                                                                                                    |
| Supplier Catalog Number    | 405912                                                                                                                                                                                                                                                        |
| Alternative Catalog Number | USB-405912-20,USB-405912-100                                                                                                                                                                                                                                  |
| Manufacturer               | US Biological                                                                                                                                                                                                                                                 |
| Category                   | Molekularbiologie                                                                                                                                                                                                                                             |
| Product Description        | Poorly processive, error-prone DNA polymerase involved in untargeted mutagenesis. Copies undamaged DNA at stalled replication forks, which arise in vivo from mismatched or misaligned primer ends. These misaligned primers can be extended by PolIV. Exh... |
| Molecular Weight           | 39.3                                                                                                                                                                                                                                                          |
| UniProt                    | <a href="#">Q487H6</a>                                                                                                                                                                                                                                        |
| Purity                     | ~90% (SDS-PAGE)                                                                                                                                                                                                                                               |
| Form                       | Supplied as a lyophilized powder from 20mM Tris-HCl, 0.5M sodium chloride, pH 8.0, 6% trehalose. Reconstitute with sterile ddH2O to a concentration of 0.1-1mg/ml.                                                                                            |