

Product Datasheet

Vazyme - Taq Pro Multiplex DNA Polymerase (High sensitivity) (PM201-02)

Catalog Number PM201-02

Description Taq Pro Multiplex DNA Polymerase is a new generation of hot-start DNA polymerase based on antibody modification and upgraded to improve template affinity. The High sensitivity version has been carefully optimized for multiplex PCR with strong amplification ability and high detection sensitivity. With the optimal buffer system for multiplex PCR, it is compatible with a wide range of product GC content and primer T_m values. The vast majority of multiplex PCR assays can be performed at a universal annealing temperature of 60°C without additional optimization. This product has extremely high amplification efficiency, and can simultaneously amplify target fragments in the range of 50 - 3,500 bp; it has strong amplification ability, and can carry out enrichment of several hundred or more amplicons; excellent impurity tolerance, highly resistant to a variety of inhibitors and impurity types, and compatible with direct amplification of whole blood, blood cards, etc. The reagents have good stability, wide applicability, and are compatible with a variety of detection scenarios

Storage Store at -30 ~ -15°C and transport ≤0°C.

Note For research use only

Application notes Multiplex PCR: Enrichment of several hundred or more amplicons can be performed Tolerance: High Inhibitor & impurity tolerance; compatible with the direct amplification of full blood and blood card Stability: No change in product performance at 37°C for 13 days or 40 freeze-thaw cycles Compatibility: Suitable for GC-rich inserts (25% - 75%) and primers with different T_m values

Expiration Date 12 months from date of receipt.

Biorbyt Ltd.

7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC.

68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)



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