

Product Datasheet

Vazyme - One Step Mouse Genotyping Kit (PD101-01)

Description	2 × Taq Plus Master Mix (Dye Plus) in this kit contains Taq Plus DNA Polymerase, dNTP, and an optimized buffer system. It only needs to add primers and templates to perform amplification, thereby reducing pipetting operations, significantly controlling cross-contamination among samples, and improving detection throughput and reproducibility of results. The amplification system contains protective agents that keep 2 × Taq Plus Master Mix (Dye Plus) stable in activity after repeated freezing and thawing. 2 × Taq Plus Master Mix (Dye Plus) contains loading buffer, PCR products can be directly loaded for electrophoresis after the reaction. The PCR product has an adenine at the 3' end that can be cloned into the T vector. It is also compatible with ClonExpress and TOPO cloning kits (Biorbyt #C112/C113/C115/C601).
Storage	1 × Mouse tissue Lysis Buffer, store at 2 ~ 8°C; Other components, store at -30 ~ -15°C; Transport at ≤0°C.
Note	For research use only
Application notes	Mouse-Direct PCR: No need for DNA purification steps; crude Samples can be added directly to PCR Convenient operation: Master Mix format with premixed gel loading dye; reduces sample handling and allows direct loading on gel Special optimization: Lysis solution based on proteinase K; suitable for rapid genotyping of mouse Broad compatibility: Suitable for ≤ 2kb fragments; up to 4-plex amplification
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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