

Worm Rapid Genotyping PCR Kit

Product information:

Worm Rapid Genotyping PCR Kit is optimized for *C.elegans* and related biological materials for rapid genomic DNA PCR reaction. contains Worm Lysis Buffer can release genomic DNA in just 5 mins, and the lysate can be used for PCR directly. RapidGT PCR Master Mix contains modified Taq polymerase and produce PCR product with less error compared to normal Tap polymerase and the PCR product has an A-tail. RapidGT PCR Master Mix contains red loading dye.

Components	Cat.No.: AN848-1	Cat. No.: AN848-2	storage
RapidGT PCR Master Mix	1ml	5x 1ml	-20°C
Worm Lysis Buffer	600µl	5x 600µl	Room temperature
Nuclease-free water	1.25ml	5x 1.25ml	-20°C

Worm Lysis Buffer can form precipitation/crystallization under low temperature (4°C), please keep it at room temperature or 37°C to dissolve the precipitation/crystallization before use.



This product should be handled only by persons trained in laboratory. Wear appropriate protective eyewear, clothing, and gloves. In case of contact with skin or eyes, wash immediately with water.

Applications:

Genomic DNA PCR, Genotyping, Gene clone

Prepare Worm lysis:

1. Add 5µl Worm Lysis Buffer to a PCR tube.
2. Transfer single adult or several younger/smaller worm into the Worm Lysis Buffer.
3. Place the sample in water bath, heating block or PCR machine and incubate at 98°C for 5 min.
4. Place the sample on ice or store at -20°C for later PCR reaction.

Perform PCR reaction:

1. Prepare PCR reaction as following table
PCR reaction 20µl mixture:

Worm lyste from last step	1µl
2x RapidGT PCR Master Mix	10µl
Primer Forward (10µM)	0.5 µl
Primer Reverse (10µM)	0.5 µl
Nuclease-free water	Fill to 20µl

2. Set up PCR machine as following PCR program

Suggested PCR program:

95°C	3 min
32-36 cycles of:	
95°C	30 sec
55-64°C	30 sec
72°C	30 sec per kb
72°C	5min
4°C	Hold

Technical support:

For any questions, please send an email to support@angneovo.no.

Shipping and storage:

Upon receiving the product, store the product at suggested conditions. Shipping and temporary storage for up to 20 days at room temperature has no detrimental effects on the quality of the product.

Disclaimer And Warranty:

This Product Shall Comply With Its Relevant Specification And Be Fit For Its Stated Purpose, But ANGENOVO AS Gives No Other Warranty And Makes No Representation As To Description Or Quality. Any Such Warranty Or Representation Is Excluded, To The Fullest Extent Permitted By Law. To The Extent Allowed By Law, ANGENOVO AS Will Not Be Liable For Special, Incidental, Indirect, Multiple, Or Consequential Damages In Connection With Or Arising From This Document, Including Your Use Of It. Nothing Shall Limit Or Exclude ANGENOVO's Liability For Death Or Personal Injury Caused By Its Negligence, Fraud Or Fraudulent Misrepresentation Or Any Matter In Respect Of Which It Would Be Unlawful For ANGENOVO AS To Exclude Or Restrict Liability.

The information in this guide is subject to change without notice.