OWIBIO
By Ozyme & Clearline



PCR › Owi Aptafi Hot Start Master Mix

Reliability. Accuracy. Sucess.

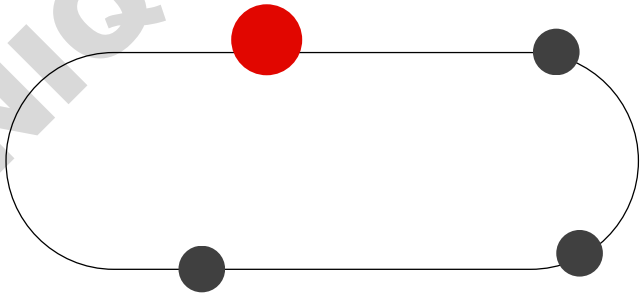
We are with you to improve your research.

PCR

- **Owi AptaFi Hot Start Master Mix**
- Owi Taq Hot Start Master Mix Ready to Load
- Owi Taq Master Mix Ready to Load
- Owi dNTP Mix 40mM (10mM dATP, dCTP, dGTP & dTTP)

RT-qPCR

Master Mix, dNTP mix



ELECTROPHORESIS

Agarose, Dye DNA Stain, DNA Ladder

WESTERN BLOT

ECL, Markers

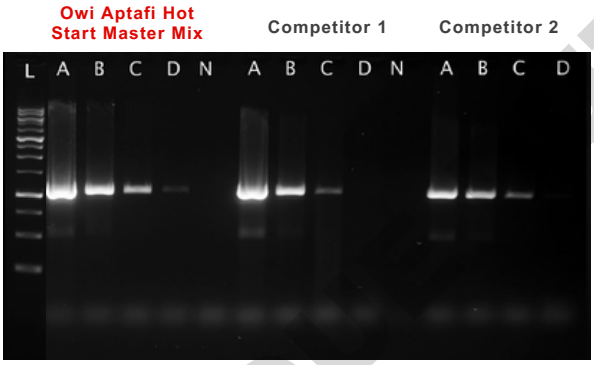
DOMINIQUE DUTSCHER SAS

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Owi Aptafi Hot Start Master Mix

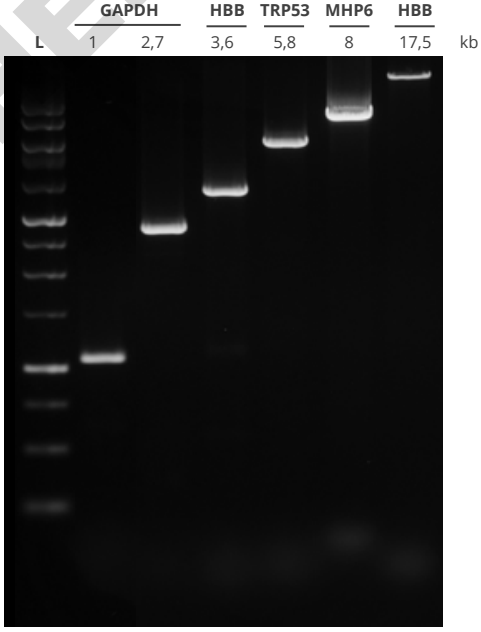
- **Ultra-High Fidelity:** 100x Higher than Taq
- **Long-range amplification:** > 17.5 kb
- **Specific Fast PCR conditions and high yields**: 10-30 s/kb
- **Proofreading enzyme**: 3'–5' exonuclease activity
- **Highly-efficient on GC/AT contents**
- **Aptamer-Like Hot Start Technology**
- **Superior performance in multiplex**
- **Blunt-end products:** ideal for cloning

Highly sensitive amplification
From >1 ng template



Amplification of 1 kb fragment of GAPDH gene from mouse with different template quantities. A: 30 ng; B: 4.8 ng; C: 0.77 ng; D:0.12 ng. %GC: 51%

Long-range amplification
≥17,5 kb



Amplification of gDNA fragments (1 kb –17.5 kb). %GC from 37 to 55%

Reference	Name	Size
258513	Owi AptaFi Hot Start Master Mix	0,5 ml, 20 rxns 50 µl or 40 rxns 25 µl
258514	Owi AptaFi Hot Start Master Mix	2 x 1.25 ml, 100 rxns 50 µl or 200 rxns 25 µl
258515	Owi AptaFi Hot Start Master Mix	10 x 1.25 ml, 500 rxns 50 µl or 1000 rxns 25 µl

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