milian®
DUTSCHER GROUP

DISCOVER
THE NEW PRODUCT LINE
FROM OWIBIO

NEW

Milian is proud to present OWIBIO. Our very own brand born from a rigorous selection of bioreactives

OWIBIO
By Ozyme & ClearLine®

OUR PROMISE: THE ESSENTIAL, WITHOUT COMPROMISE!
Reliable, high-performance, and accessible products at a fair price.
With over 40 years of expertise, our molecular biology specialists have developed an unbeatable offer, meticulously designed to support and expedite your research.

Master Mix 2X PCR Owi Taq Ready To Load

- For standard PCR and direct colony PCR (genotyping)
- Compatible with a wide range of substrates: Purified DNA, cDNA, crude extracts,...
- Amplification up to 10 kb from complex genomic DNA and up to 20 kb from simple DNA (lambda)
- Ready-to-use master mix: only the template, primers, and water need to be added
- Dye included for direct deposition on gel after PCR

Part no.	Designation	CHF
041-258504	Master Mix PCR Owi Taq Ready to Load, 40 reactions of 50 µl each	NC -
041-258505	Master Mix PCR Owi Taq Ready to Load, 200 reactions of 50 µl each	NC -
041-258506	Master Mix PCR Owi Taq Ready to Load, 1000 reactions of 50 µl each	NC -

Master Mix 2X Owi Taq Hot Start Ready To Load

- For the detection of low-abundance targets, screening, multiplexing, and direct PCR on colonies
- Enzyme inactivated at room temperature
- High specificity and sensitivity, for high yield even with GC- or AT-rich sequences
- Amplification possible up to 5 kb
- Ready-to-use master mix: only the template, primers, and water need to be added
- Dye included for migration tracking and direct deposition on agarose gel or SDS after PCR

Part no.	Designation	CHF
041-258507	Master Mix PCR Owi Taq Hot Start Ready to Load, 20 reactions of 50 µl	NC -
041-258508	Master Mix PCR Owi Taq Hot Start Ready to Load, 100 reactions of 50 µl	NC -
041-258509	Master Mix PCR Owi Taq Hot Start Ready to Load, 500 reactions of 50 µl	NC -
041-258510	Master Mix PCR Owi Taq Hot Start Ready to Load, 1000 reactions of 50 µl	NC -

High-Fidelity AptaFi 2X Master Mix Hot Start

- For demanding applications: site-directed mutagenesis, cloning, genome editing, multiplex PCR, NGS library preparation
- High-fidelity DNA polymerase, 100× more accurate than a standard Taq polymerase
- Inactivated at room temperature, activation at 95°C for 1 min
- Aptamer Hot Start technology: rapid and reversible activation, maximised yield and specificity
- Rapid extension: 10–30 s/kb
- Amplification up to 17 kb, even from complex templates
- Ready-to-use master mix: only add the template, primers, and water

Part no.	Designation	CHF
041-258513	Master Mix PCR Owi AptaFi Hot Start, 20 reactions	NC -
041-258514	Master Mix PCR Owi AptaFi Hot Start, 100 reactions	NC -
041-258515	Master Mix PCR Owi AptaFi Hot Start, 500 reactions	NC -

Nucleic Acid Stain Owi EmeralDye Safe Stain

- High-sensitivity detection of nucleic acids (single-stranded and double-stranded DNA, RNA) on gel
- Green fluorescent dye, a safe alternative to ethidium bromide
- Non-mutagenic (Ames test) and non-toxic (LD50 = 10,000 mg/kg)
- Visible under blue, blue-green, or UV light
- Ready-to-use, suitable for in-gel staining and post-stain applications
- 1 ml allows for the colouring of more than 20 litres of agarose gel



Part no.	Designation	CHF
041-258512	Nucleic acid stain Owi EmeralDye Safe Stain 1 ml	NC -

ECL Owibio

Part no.	Designation	CHF
041-258499	OWI ECL REVELBLOT PICO 250ml	NC -
041-258498	OWI ECL REVELBLOT FEMTO 100ml	NC -
041-258697	OWI ECL REVELBLOT PICO 10ml	NC -
041-258698	OWI ECL REVELBLOT FEMTO 10ml	NC -



Price excluding tax and transportation costs

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Owi Script Reverse Transcriptase UltraMix with gDNA CleanUp and Oligo(dt) / Random Primers

- Rapid and efficient cDNA synthesis, suitable for two-step RT-qPCR detection
- All-in-One Kit: Genomic DNA elimination and reverse transcription
- High specificity and yield even from complex templates
- cDNA directly compatible with qPCR, with dye or probe detection
- Ready-to-use master mix, only add RNA template and water
- Rapid protocol: results in 20 minutes



Part no.	Designation	CHF
041-258497	Ultra Mix Owi Script RT with gDNA CleanUp for qPCR, 100 reactions	NC -
041-258496	Ultra Mix Owi Script RT with gDNA CleanUp for qPCR, 20 reactions	NC -

Master Mix 2X qPCR Owi Green Fast

- Optimised for quantitative PCR with dye detection
- Compatible with all qPCR instruments, with or without ROX (separate tubes provided)
- High sensitivity and precision for reliable and reproducible results, including from complex templates
- Master mix ready to use, addition of matrix, primers and water only



Part no.	Designation	CHF
041-258493	Master Mix qPCR Owi Green Fast 1 ml	NC -
041-258494	Master Mix qPCR Owi Green Fast 5 ml	NC -
041-258495	Master Mix qPCR Owi Green Fast 5 x 5 ml	NC -

dNTPs Mix OwiBio

- Ready to use
- Purity ≥ 99% (HPLC)
- Exempt from endonuclease, exonuclease, ribonuclease, phosphatase, and nicking activities

Part no.	Designation	CHF
041-258511	40 mM dNTP Mix (10 mM each), 1 ml	NC -

Agarose OwiBio

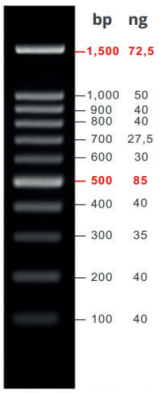
- Ideal for all common electrophoresis applications (analytical and preparative)
- DNase/RNase free
- Available in standard or low EEO version for finer resolution of DNA fragments

	Agarose Standard	Agarose with low electroendosmosis (EEO)
Gelling temperature (°C)	36 ± 1.5 °C	36 ± 1.5
Melting temperature (°C)	88 ± 1.5 °C	88 ± 1.5
EEO	≤ 0.16	0.05-0.13
Gel strength at 1% / 1.5% (g/cm²)	≥ 1000 / ≥ 2000	> 1,200 / > 2,500
Packaging	500 g	500 g
Part no.	**041-258516**	**041-258475**
CHF	NC -	NC -



Scale ladder

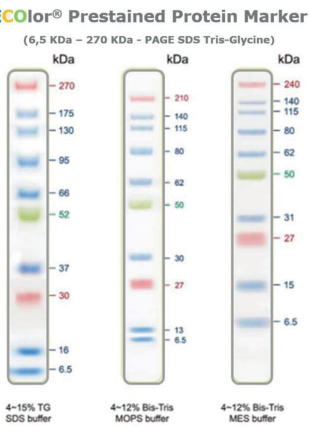
Part no.	041-258501
CHF	NC -
Size of fragments	From 100 to 1500 bp
No. of fragments	11
Double intensity fragments	2
Concentration	100 µg/ml
Quantity / Volume	50 µg / 500 µl
Vol. to be used/wells	5 µl (100 wells/tubes)
Ready to use (including detection dyes)	Yes
Type of dye	Orange G and Xylene Cyanol FF (+ 400 µl of 6X loading buffer included)



5 µl loading (500 ng)
Agarose gel 1.7%TAE

Pre-stained protein marker Owi ECOlor ladder

- Migration range: 6.5 to 270 kDa
- Ready to use, loading buffer included
- Tricolour: 10 strips of 3 different colours



Part no.	Designation	CHF
041-258503	Pre-stained protein marker Owi ECOlor ladder 500 µl, 200 applications	NC -



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