

TOD-32

OLIGONUCLEOTIDE SYNTHESIZER



Ringene TOD-32 is a mid-throughput, high-performance instrument for solid-phase oligonucleotide (DNA / RNA primer) synthesis by phosphoramidite process with scale range of 15 to 700 nmol. It provides simultaneous synthesis of up to 32 high-quality oligonucleotides in 6 hours. Flexible programming and additional bottles ensure efficient instrument application for synthesis of standard and degenerate DNAs and RNAs, as well as oligonucleotides with various modifications, such as 6-FAM, TAMRA, Biotin, Cy3, Cy5, special oligonucleotides and the ones with mixed nucleotides (N).

The instrument has functions to control the synthesis quality by collecting signals from trityl after deblocking, and cleaning of dispensing nozzles and restoring of dispenser function. Its built-in autosampler provides selective transfer of special reagents from 20 tubes into synthesis plate wells according to the preset program without losses for the filling of liquid channels.

The simple, rigid system can accept reagents and consumables from various manufacturers and suppliers.

The purchased system will be delivered, installed and the laboratory person will be trained.

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Ringene supplies high-quality consumables and reagents for oligonucleotide synthesis on TOD-32 and other synthesizers from ABI, Biolytic, Azco Bio, Biosset and others manufacturers. Our technician from San Diego, California can show application and technical support from distance or on-site by customer's need. The purchased system will be delivered, installed and the laboratory person will be trained.

PN	Reagents and consumables	Unit amount
OLS001-002	dA amidite	25 g
OLS001-003	dC amidite	25 g
OLS001-004	dG amidite	25 g
OLS001-005	dT amidite	25 g
OLS001-006	Acetonitrile	10 L
OLS001-007	Detritylation (DCM)	5 L
OLS001-008	Cap A	1 L
OLS001-009	Cap B	1 L
OLS001-010	Oxidation	1 L
OLS001-011	Support dT (30 uM)	5 g
OLS001-012	Filter paper, pack	pack (500)
OLS001-013	CpG Columns, 1000A, 25nM	pack (1000)
OLS001-014	CpG Columns, 1000A, 50nM	pack (1000)
OLS001-015	CpG Columns, 1000A, 100nM	pack (1000)
OLS001-016	CpG Columns, 1000A, 25nM, 96-well	pack (10)
OLS001-017	CpG Columns, 1000A, 25nM, 384-well	pack (10)

Technical service and reagents / consumables selections for your current oligonucleotide synthesizer are available on our engineers.