

DNASCRIP™

SYNTAX 384 HI-PLEX RUN KIT

FOR USE WITH THE SYNTAX™ SYSTEM, MODEL STX-200

Cat. No. 102223
SYNTAX 384 Hi-Plex Run Kit

The SYNTAX 384 Hi-Plex Run Kit includes the reagents and consumables required for the enzymatic synthesis of ready-to-use oligos. Synthesize as many as 384 oligos (up to 60 nt) or 288 oligos (up to 80 nt) in a single SYNTAX 384 Hi-Plex run. The SYNTAX 384 Hi-Plex Run kit is intended for use in applications such as high-throughput gene synthesis and high-throughput mutagenesis. The synthesis and run kit are both required for oligo synthesis using the SYNTAX System.

HX
HI-PLEX



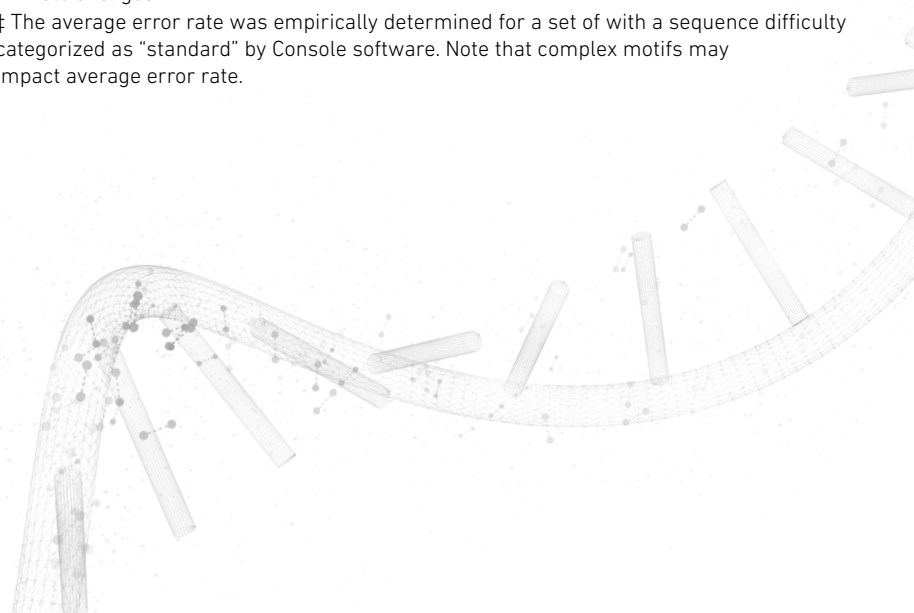
SYNTAX 384 HI-PLEX RUN KIT SPECIFICATIONS

Oligo length	• 15 - 80 nt*
Bases	• A, T, G and C
Labels	• None
Degenerate bases	• None
Yield	• ≥ 80 pmol**
Concentration	• ≥ 2.5 μM **
Average error rate per base	• 0.4%‡
Run time	• ~ 11.5 hrs for 384x 30 nt oligos • ~ 20 hrs for 384x 60 nt oligos • ~ 22.5 hrs for 288x 80 nt oligos

* In single run run, it is possible to synthesize either a maximum of 384 oligos of 60 nt each or a maximum of 288 oligos of 80 nt each.

** >95% of oligos

‡ The average error rate was empirically determined for a set of with a sequence difficulty categorized as "standard" by Console software. Note that complex motifs may impact average error rate.



KIT COMPONENTS

SYNTAX 96 Hi-Plex Run Kit - Cat. No. 102223	
Box 1 of 3: Post-Processing Reagents	<ul style="list-style-type: none">• Includes the post-processing reagents (P1, P2, P4, P5)• Store at room temperature (shipped at room temperature)
Box 2 of 3: Post-Processing Enzymes	<ul style="list-style-type: none">• Includes the post-processing enzymes (P1E, P2E)• Store at -20°C (shipped on dry ice)
Box 3 of 3: Consumables	<ul style="list-style-type: none">• Includes one 384 Hi-Plex Plate Set (one Synthesis plate, one Reservoir Plate, one Oligo plate), and one adhesive plate sealing film• Store at 4°C (shipped at room temperature)

RELATED ITEMS

SYNTAX DNA Synthesis Kit - Cat No. 102294	
Box 1 of 3: Synthesis Reagents	<ul style="list-style-type: none">• Includes synthesis reagents (S1, S2)• Store at 4°C (shipped at room temperature)
Box 2 of 3: Synthesis Reagents	<ul style="list-style-type: none">• Includes synthesis reagents (S3, S4)• Store at room temperature (shipped at room temperature)
Box 3 of 3: Synthesis Nucleotides & Enzyme	<ul style="list-style-type: none">• Includes synthesis nucleotides (dA, dT, dC, dG) and synthesis enzymes (S1E, S4E)• Store at -20°C (shipped on dry ice)

ITEM	CATALOG NUMBER
SYNTAX System, Model STX-200	101773

FOR MORE INFORMATION

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