

BioXp™ 3200 system

World's first and only automated platform for building fragments, clones, and libraries

Revolutionizing custom DNA synthesis

Say hello to the BioXp™ 3200 system and say goodbye to waiting weeks for service labs or synthesizing genes on the bench.

The BioXp™ system can build up to 32 complex constructs, from 300 to 3600 base pairs, with multiple fragments and vectors, in less than 16 hours. Bypass plasmid preps and synthesize transfection-ready DNA quantities of ~10 µg. The BioXp™ 3200 system allows you to eliminate cloning and synthesize de novo gene constructs with sequence modifications to address specific clinical needs.

The system streamlines clinical research and allows for distributed manufacturing of personalized therapies. Build better. Build faster. Build cheaper. Only on the BioXp™ system.

BioXp™ kits

Gene fragments, clones, and variant libraries



Build genes

Custom gene fragments
up to 3.6 kb



Build clones

Custom DNA fragments
cloned into any vector



Build libraries

Custom variant
DNA libraries

Build rapidly. Build with confidence.

Control your workflow and intellectual property

Enjoy peace of mind knowing that your vectors never leave your lab.

Rapidly iterate your DNA constructs

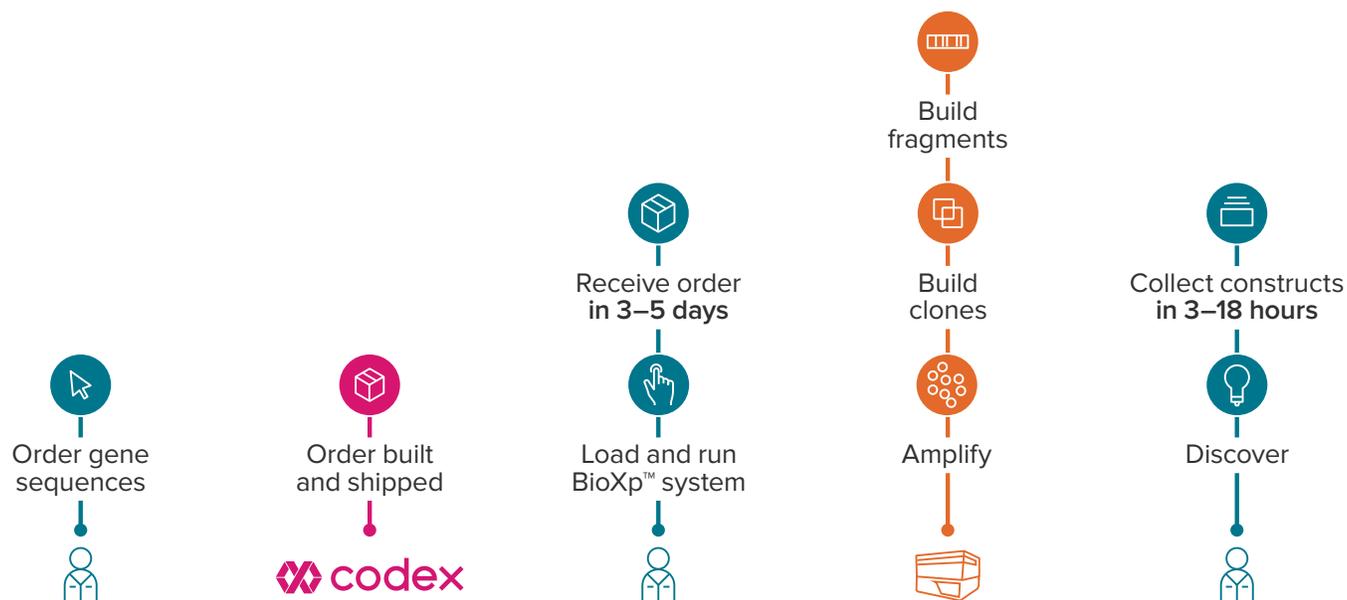
Free yourself from tedious cloning workflows. Design, build, clone, and amplify overnight.

Elucidate gene function and pathways

The BioXp™ 3200 system allows you to complete projects in days instead of months.

Design. Build. Discover.

Receive BioXp™ kits within 3 to 5 business days of ordering and collect constructs 3 to 18 hours later.



Product specifications

Electrical	AC 100-240V, 50-60 HZ, 8.3 A max
Weight	63.4 kg (139.8 lbs)
Dimensions (WxDxH)	64.8 cm x 71.1 cm x 52.1 cm (26 x 28 x 21 inches)
Workspace (WxDxH)	81.3 cm x 73.7 cm x 76.2 cm (32 x 29 x 30 inches)
Workspace weight capacity	68.1 kg (150 lbs)
Operating temperature range	16 °C to 40 °C (60.8 °F to 104°F)
Storage temperature range	-18 °C to 60 °C (-0.4 °F to 140°F)
Operating + storage humidity range	10% to 90% (non-condensing relative humidity)
Operating altitude	to 2000 m
Water ingress	Non-immersion, protection for damp wipe only
Computer system	Integrated onboard computer with color touchscreen display, 7" diagonal, 480x800
Internet access	10/100/1000 baseT ethernet port; WiFi optional

BUILD BIOLOGY™

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