

Helaxy NGS Prep Card (RUO)

From Sample Extraction to Pooled NGS Library

Helaxy NGS Prep Card (RUO) is able to automate DNA and/or RNA extraction and PCR amplification, and indexing for NGS library preparation.



Key Features and Benefits

- **Lowest cost**
- **Total hands-on time in <10 minutes**
- **High performance**
- **Better traceability**
- **Environmental Sustainability**

Technical data

Product specifications

Packaging	NGS Prep Card with lyophilized assay and reagents, packaged inside a box. This product is intended for Research Use Only (RUO).
Pack sizes	25 fluidic cards per pack
Storage instructions	Room temperature
Shelf life	1 year from date of manufacturing
Country of origin	Singapore

Compliance certification



Requirements

Sample requirements

Supported sample types	Nasopharyngeal swab, saliva, plasma, FFPE tissue, stool
Supported applications	HIV DRM NGS Amplicon Prep (RUO) 16S Metagenomics Amplicon Prep (RUO) Generic Amplicon Prep (RUO) Illumina TruSight Tumor 15 Library Prep (RUO)
Sample input volume	300µL
PCR setup volume	20µL liquid master mix + primer Lyophilized PCR mix + primer
Supported Illumina Index	50 combinatorial Nextera dual indexes
Compatible Library Prep	Illumina iSeq / MiniSeq / MiSeq / NextSeq Ion Torrent S5
TAT	Sample to NGS Library in 8 hours

Ordering Information

Product Code	Product	Quantity
3000008	Helaxy Eazy - NGS Extraction & Library Device (RUO)	1 unit
3000007	Helaxy Eazy - Extraction Buffer & Solution Kit (RUO)	50 preps/kit
3000011	Helaxy Eazy - NGS Prep Kit A (Barcode 1-25) (RUO)	25 preps/kit
3000009	Helaxy Eazy - NGS Prep Kit B (Barcode 26-50) (RUO)	25 preps/kit
3000010	Helaxy Eazy - Lysis Kit (RUO)	100 preps/kit
3000006	Helaxy Eazy - Clean Up & Size Selection Kit (RUO)	10 preps/kit

To place an order or receive technical assistance

Email: support@helaxy.com

Please visit our website: <https://helaxy.com>

Copyright©2024 Helaxy Pte Ltd.
All Rights reserved.

16 Ayer Rajah Crescent
#03-02 Tempco Technominium
Singapore 139965