

# Product Components List

## Embgenix™ GT-omics Kit

**Catalog No.**

634819

**Amount**

96 rxns

### Description

The Embgenix GT-omics Kit integrates bead-based DNA/RNA enrichment along with PicoPLEX® whole-genome amplification, SMART® (Switching Mechanism at 5' end of RNA Template) cDNA synthesis technologies, and Takara Bio's patented library preparation chemistry to generate high-quality, Illumina®-ready DNA-seq and RNA-seq libraries from the same sample for multiomic analysis. The kit has been validated for processing trophoblast biopsy samples consisting of 3–5 embryonic cells and can also accommodate single-cell inputs. Resulting genome and transcriptome data can be processed using Embgenix Analysis Software for assessment of copy number variations (CNVs) and Cogent™ NGS software tools for differential expression analysis.

### Package Contents

- Embgenix GT-omics Sample Prep Kit (Cat. No. 634818) (Not sold separately) [>> View Components](#)
- Embgenix PGT-A Core Kit (RUO) (Cat. No. 634761) (Not sold separately) [>> View Components](#)
- SMART-Seq® mRNA Single Cell (Cat. No. 634790) [>> View Components](#)
- SMART-Seq Library Prep Kit (Cat. No. R400747) (Not sold separately) [>> View Components](#)
- Unique Dual Index Kit (1-96) (Cat. No. 634752) [>> View Components](#)
- Unique Dual Index Kit (97-192) (Cat. No. 634753) [>> View Components](#)
- 4 x NucleoMag NGS Clean-up and Size Select (Cat. No. 744970.5) [>> View Product Page](#)

For storage conditions, please see the Certificate of Analysis supplied with each component.

### Product Documents

Documents for our products are available for download at [takarabio.com/manuals](http://takarabio.com/manuals)

The following documents apply to this product:

- Embgenix GT-omics Kit User Manual
- Embgenix GT-omics Kit Protocol-At-A-Glance
- Unique Dual Index Kits Protocol-At-A-Glance
- Unique Dual Index Kit (1-96) Indexes and Plate Map
- Unique Dual Index Kit (97-192) Indexes and Plate Map
- Embgenix Analysis Software (RUO) User Manual
- Cogent NGS Analysis Pipeline User Manual
- Cogent NGS Analysis Pipeline Quick Start Guide
- Cogent NGS Discovery Software User Manual
- Cogent NGS Discovery Software Quick Start Guide

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This document has been reviewed and approved by the Quality Department.