

## DGH in-Site™ CAR-T Kit

Track sequence, location, and orientation of TRAC and B2M loci, all in a single test.

KromaTiD's dGH in-Site™ CAR-T Kit enables you to bring the power of directional Genomic Hybridization™ (dGH™) assays to the characterization of your T cell engineering. Adding the dGH in-Site assay to your analytical suite will provide you with a truly comprehensive view of your engineered T cell products.

### Assess TRAC and B2M targets for:

- Structural changes such as inversions, translocations, and deletions
- Abnormalities involving chromosomes 14 and 15 including aneuploidy and chromothrypsis
- Double strand misrepair at insert- and edit-sites

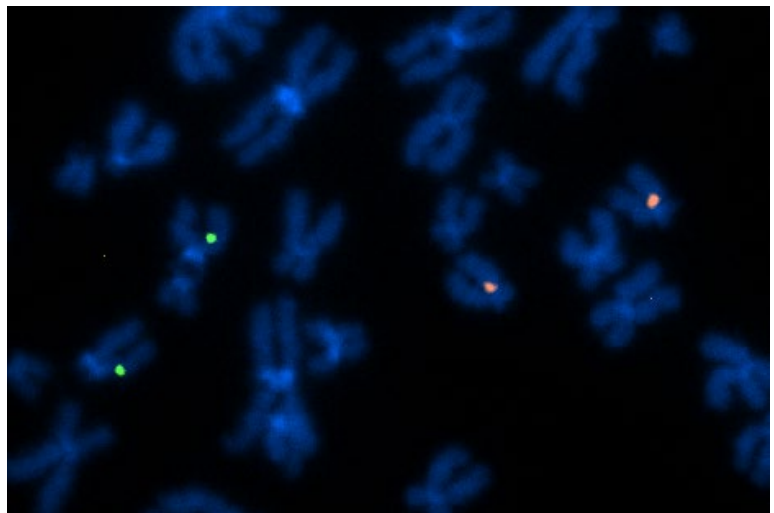


Figure 1: GM12753 control lymphoblastoid cell line targeted by dGH™ probes for TRAC (TexRed) and B2M (6-FAM) loci.

### dGH in-Site™ CAR-T Kit provides:

- Single-cell data sets tracking the sequence, location and orientation of key CAR-T loci
- Insertion-site tracking of rearrangements like deletions, translocations, inversions, and sister chromatid exchanges
- Flexibility to customize with the addition of other dGH™ probes
- Familiar workflows and use of standard cytogenetic equipment
- Data orthogonal and complementary to that from sequencing and G-banding

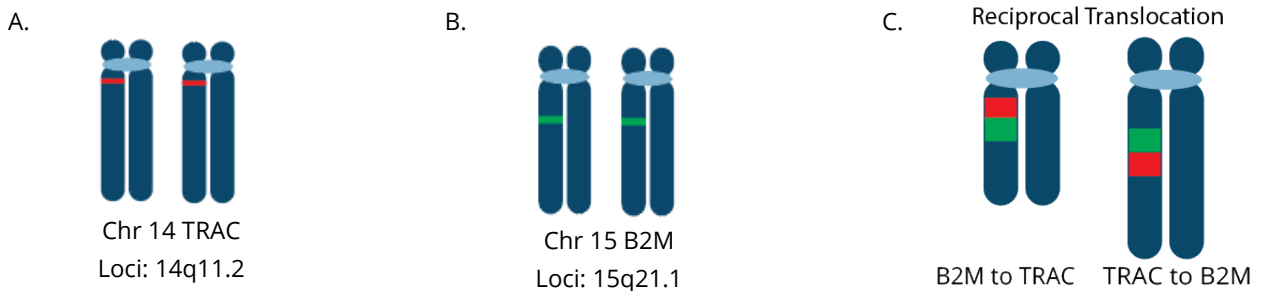


Figure 2: Illustration of normal signal patterns for TRAC (A) and B2M (B) loci versus a reciprocal translocation between these two loci (C).

The dGH in-Site™ CAR-T Kit includes dGH™ probes for TRAC (14q11.2) and B2M (15q21.1) as standard components. Two additional probes can be purchased with the kit to expand the analysis.

### Ordering Information

Cat. No.	Product Name	Product Description	Contents	Price
DGH-045	dGH in-Site™ CAR-T Probe Kit 1	Track edits to CAR loci, pre- and post-genome editing.	dGH™ Probe TRAC TexRed (DGHP-001-B) dGH™ Probe B2M 6-FAM/Spectrum Green (DGHP-002-C) dGH™ Hybridization Buffer A (DGH-051)	\$1,500
DGH-047	dGH in-Site™ CAR-T Probe Kit 1 Bundle	Track edits to CAR loci, pre- and post-genome editing.  Contains additional reagents required to prepare cells for dGH probe hybridization.	dGH™ Probe TRAC TexRed (DGHP-001-B) dGH™ Probe B2M 6-FAM/Spectrum Green (DGHP-002-C) dGH™ Hybridization Buffer A (DGH-051) dGH™ Cell Prep Reagent 250 µL (DGH-0004) Demecolcine Solution, 2.5 ml (COL-001) dGH™ Image Analysis Support (DGH-049)	\$2,799

For pricing and more information on how KromaTiD can transform your research, please contact [sales@kromatid.com](mailto:sales@kromatid.com)