

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 chromothripsis
- Double strand misrepair at insert- and edit-sites

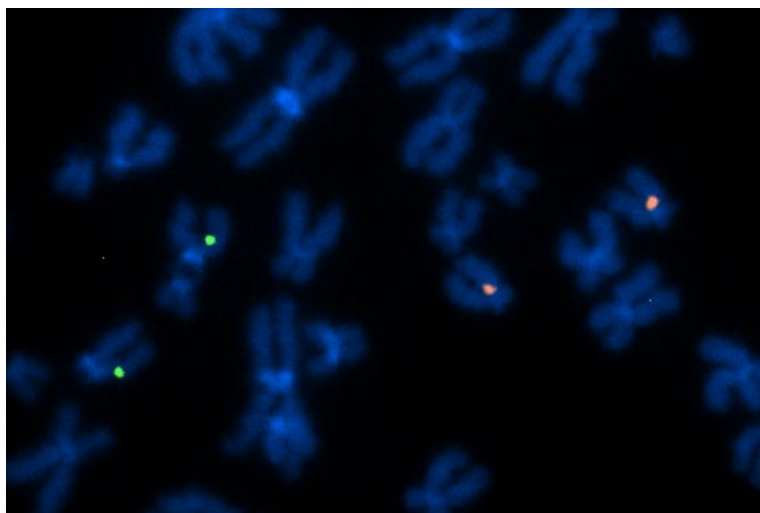


Figure 1: GM12753 control lymphoblastoid cell line targeted by dGH™ probes for TRAC (TexRed) and B2M (6-FAM) loci.

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

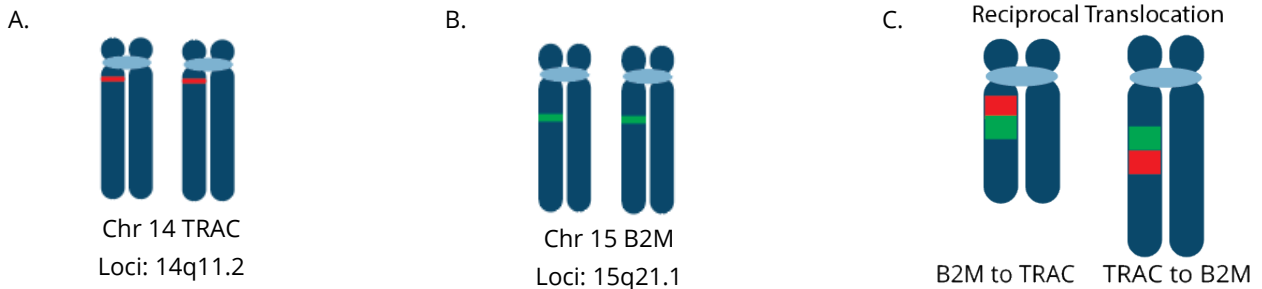


Figure 2: Illustration of normal signal patterns for TRAC (A) and B2M (B) loci versus a reciprocal translocation between these two loci (C).

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