

# Portfolio for the Ion S5<sup>™</sup> / PGM<sup>™</sup>

## LymphoTrack Assays

LymphoTrack Assays represent a significant improvement over existing clonality assays as they efficiently detect the majority of B- and T-cell gene rearrangements and at the same time, identify the specific DNA sequence for each clonal gene rearrangement.

Therefore, these products have two important and complementary uses: aiding in the detection of initial clonal populations, and identifying sequence information required to track those clones in subsequent samples.

In addition, the LymphoTrack *IGH* Assays defines the extent of somatic hypermutation present in the *IGHV* gene of analyzed samples.

Our LymphoTrack multiplex master mixes are designed with Thermo Fisher<sup>®</sup> adapters and 12 indices. This allows for a one-step PCR and pooling of amplicons from several different samples and targets onto a single Ion S5/PGM<sup>™</sup> sequencing chip.

Our LymphoTrack MRD Software allows for easy identification of residual clonotype sequences in subsequent samples.



## Key Benefits

- One-step PCR for amplicon and library generation
- Identify, track, and assess mutation status of B- and T-cell gene rearrangements
- Sequence amplicons from any LymphoTrack kit together
- Included bioinformatics software for easy analysis and interpretation
- Same reagents for clonality, somatic hypermutation, and minimal residual disease (MRD) testing

## Ordering Information

CATALOG #	PRODUCTS	QUANTITY
7-121-0057	LymphoTrack <sup>®</sup> <i>IGH</i> FR1/2/3 Assay - S5/PGM <sup>™</sup>	12 indices - 5 sequencing reactions each
7-121-0007	LymphoTrack <sup>®</sup> <i>IGH</i> FR1 Assay - S5/PGM <sup>™</sup>	12 indices - 5 sequencing reactions each
7-121-0037	LymphoTrack <sup>®</sup> <i>IGH</i> FR2 Assay - S5/PGM <sup>™</sup>	12 indices - 5 sequencing reactions each
7-121-0047	LymphoTrack <sup>®</sup> <i>IGH</i> FR3 Assay - S5/PGM <sup>™</sup>	12 indices - 5 sequencing reactions each
7-122-0007	LymphoTrack <sup>®</sup> <i>IGK</i> Assay - S5/PGM <sup>™</sup>	12 indices - 5 sequencing reactions each
7-227-0007	LymphoTrack <sup>®</sup> <i>TRG</i> Assay - S5/PGM <sup>™</sup>	12 indices - 5 sequencing reactions each
7-500-0007	LymphoTrack <sup>®</sup> Software - S5/PGM <sup>™</sup>	1 CD complimentary with purchase
7-500-0008	LymphoTrack <sup>®</sup> MRD Software	1 CD complimentary with purchase

These products are for Research Use Only. Not for use in diagnostic procedures.

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