LymphoTrack® Assays

MiSeq®

Summary of LymphoTrack* Assays - Miseq

	IGHV Leader SHM	IGH FR1	IGH FR2	IGH FR3	IGK	TRG	TRB
Target Size (bp)	483	295	243	104	222	147	290
Amplicon Size Including Target, Index, and Adaptors (bp)	660	450	390	260	410	300	400
DNA Input (ng/PCR)	50						
Validated PCR Cycles	32	29					
Purification Method	AMPure XP Beads (1:1 ratio)						AMPure XP Beads (0.7:1 ratio)
Quantification Method	KAPA qPCR						
Sample Sheet Settings**	Cycles Read1: 301 Cycles Read2: 301	Cycles Read1: 251 Cycles Read2: 251		Cycles Read1: 151 Cycles Read2: 151	Cycles Read1: 251 Cycles Read2: 251	Cycles Read1: 151 Cycles Read2: 151	Cycles Read1: 251 Cycles Read2: 251
Recommended Sequencing Kit**	MiSeq v3 Reagent (600-cycle)	MiSeq v2 Reagent (500-cycle) or MiSeq v3 Reagent (600-cycle)		MiSeq v2 Reagent (300-cycle) or MiSeq v2 Reagent (500-cycle) or MiSeq v3 Reagent (600-cycle)	MiSeq v2 Reagent (500-cycle) or MiSeq v3 Reagent (600-cycle)	MiSeq v2 Reagent (300-cycle) or MiSeq v2 Reagent (500-cycle) or MiSeq v3 Reagent (600-cycle)	MiSeq v2 Reagent (500-cycle) or MiSeq v3 Reagent (600-cycle)

*LymphoTrack® Dx Assays are *in vitro* diagnostic tests. Available outside of North America. LymphoTrack® Assays are Research Use Only. Not for use in diagnostic procedures.
**When multiplexing amplicons of different gene targets it is important to use the appropriate sequencing chemistry. The number of sequencing cycles must be sufficient to sequence the largest amplicon in the multiplex.

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