

Quick Guide: How to Use Roche Adapters/Indexes with Illumina Local Run Manager

Within the Local Run Manager Software (LRM) Guide, you can follow the instructions to 'Create a Custom Library Prep Kit Definition File' where you provide the names and sequences of your custom indices, specify run parameters (such as single-read or paired-end reads, read lengths, etc.) and associate the kit with a analysis modules (e.g. the standard Generate FastQ module which generates FastQ files from the raw base call files).

The template of the Definition File (attached) can be downloaded on the Illumina product support page: https://emea.support.illumina.com/sequencing/sequencing_software/local-run-manager/downloads.html

PRODUCT FILES	SIZE	DATE
Local Run Manager v2.0 Custom Library Prep Kit Template Template for adding custom library prep kit definitions to Local Run Manager v2.0. Download	< 1 MB	Jan 22, 2018

Illumina have confirmed that this should be suitable for libraries constructed using the KAPA Unique Dual-Indexed Adapters and so it should also apply to the KAPA UDI Primer Mixes & AVENIO Edge UDI Primer Mixes.

At this link, you can also find the list of specific analysis modules which enable analysis to begin automatically once sequencing is complete.

This step is not always necessary, depending on your version of LRM and/or sequencing system being used.

Some versions of LRM require a **Custom Index Kit Definition File**.

NOTE! We have already created a definition file to be used with the LRM for KAPA UDI Adapters, KAPA UDI Primer Mixes & AVENIO Edge UDI Primer Mixes based on the IDT for Illumina TruSeq UD Indexes Sample Sheet Template.

IDT for Illumina TruSeq UD Indexes Sample Sheet Template for Local Run Manager A custom product file for use with IDT for Illumina TruSeq UD Indexes and the Local Run Manager software. ^ View Options		
IDT for Illumina TruSeq UD Indexes Custom Library Kit File (24 Indexes, TSV Format)	< 1 MB	Oct 17, 2017
IDT for Illumina TruSeq UD Indexes Custom Library Kit File (96 Indexes, TSV Format)	< 1 MB	Jan 16, 2018

http://emea.support.illumina.com/sequencing/sequencing_software/local-run-manager/downloads.html?langsel=/za/