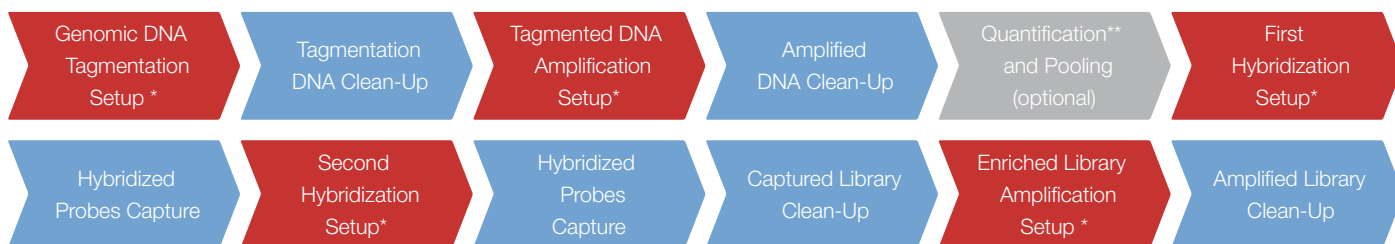




Illumina Nextera Rapid Capture Exome DNA

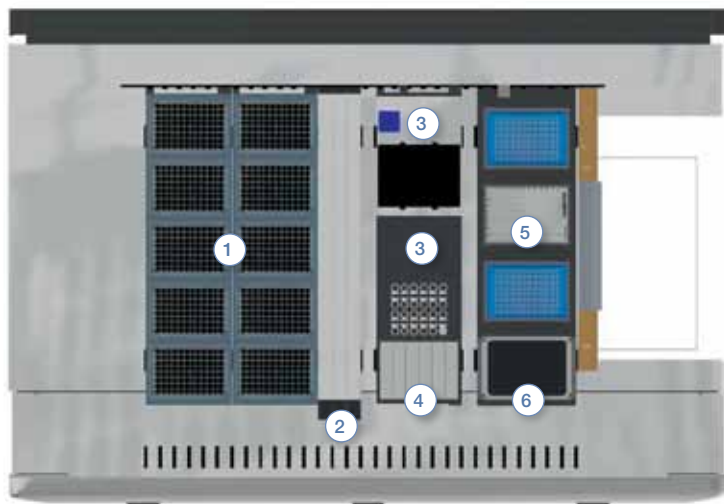
Description and Workflow

The automated Nextera Rapid Capture protocol is intended to be completed over 2 days by performing library preparation, first hybridization, first capture and second hybridization setup on day 1, final capture, PCR enrichment and final clean-up on day 2.



* Off line incubation on Thermal Cycler. Optional on line incubation with ODTC
** Quantification is performed off line on 3rd party devices

Deck Layout



- 1 Tips
- 2 DNA Samples
- 3 4°C Position
- 4 Reagents
- 5 Magnet
- 6 Hamilton Heater Shaker

By using Hamilton technology and the expertise of their support team NGS libraries can be prepared in a reliable and reproducible way. This allows us to be more committed on patient's health.

Dr. Maria Iacone, Ph.D
Lab Genetica Molecolare - USSD LGM, AO Papa Giovanni XXIII

Recommended Platforms

Platform	Pipetting Channels	96 MPH	Unattended batch size	ODTC *
STARlet	4	No	24 samples	No
STARlet	8	No	48 samples	No
STAR	8	Yes	96 samples	Yes

* On Deck Thermal Cycler

