

## SAPHYR CHIP® SPECIFICATIONS

<b>Saphyr Chip®</b>	Saphyr Chip® G1.2 (formerly Saphyr Chip® 2x320) <b>Part #20319</b>
<b>Total Flowcells</b>	2
<b>Output per flowcell (Human/non-human Sample)</b>	1300 Gbp*
<b>Total Output per Chip</b>	2600 Gbp*
<b>Typical Throughput for High Sensitivity SV Discovery (100x coverage)</b>	320 Gbp per 7 hours per flowcell* 2 flowcells complete in 7 hours
<b>Typical Throughput for 5% Low Allelic Fraction Cancer Analysis (400X coverage)</b>	1300 Gbp per 28 hours per flowcell* 2 flowcells complete in 28 hours
<b>Shelf Life</b>	1 year from date of manufacture
<b>Shipping and Storage Conditions</b>	4° C

\*Specifications based on Bionano NA12878 control sample prepared with Bionano Prep SP and DLS Kits. Output is for DNA molecules filtered for >150kbp length. The Saphyr Chip® G1.2 (formerly '2x320') is not supported on Saphyr System with 2<sup>nd</sup> generation Saphyr Instrument with dual cartridge module (Part #60325,#60396, and #60375)



For more information about Saphyr Chips;  
please contact [info@bionanogenomics.com](mailto:info@bionanogenomics.com) or visit [www.bionanogenomics.com](http://www.bionanogenomics.com).

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