

SAPHYR CHIP® SPECIFICATIONS

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| Saphyr Chip® | Saphyr Chip® G2.3 (formerly Saphyr Chip® 3x1300) Part #20366 |
| Total Flowcells | 3 |
| Total Output per Flowcell | 5 Tbp |
| Total Output per Chip | 15 Tbp |
| Typical Throughput for High Sensitivity SV Discovery (100x coverage) | Saphyr collects 320 Gbp on 3 samples in < 6 hours or up to 96 samples per week |
| Typical Throughput for 5% Allele Fraction Cancer Analysis (400x coverage) | Saphyr collects 1500 Gbp on 3 samples in < 22 hours or up to 21 samples per week |
| Typical Throughput for 1% Allele Fraction Cancer Analysis (1600x coverage) | Saphyr collects 5000 Gbp on 3 samples in 72 hours |
| Shelf Life | 1 year from date of manufacture |
| Shipping and Storage Conditions | 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 G2 Saphyr Chips® (formerly 'x1300' chips) are not supported on Saphyr System with 1st generation instrument with single cartridge module (Part #60329)



For more information about Saphyr Chips;
please contact info@bionanogenomics.com or visit www.bionanogenomics.com.

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