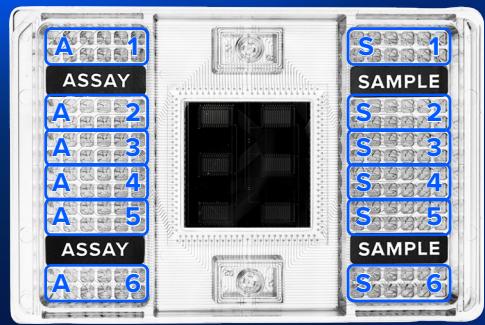




The Power of Flex Six

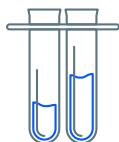
Run what you need, when you need it



Why Flex Six?

The Flex Six™ integrated fluidic circuit (IFC) is the only IFC with six independent partitions. Run them separately or together in any combination to maximize flexibility, minimize waste and accelerate small-batch studies on the Biomark™ X9 System for High-Throughput Genomics.

Key features



Small-batch efficiency

Process only the number of samples you need, conserving reagents and reducing overall costs.



Flexible design

Adapt each IFC to your project needs with six independent partitions, each handling up to 12 samples × 12 assays.



Seamless workflow

Integrated software support reduces setup steps and speeds your workflow from sample to results.

Use cases

Efficient assay development and validation

Efficiently develop, compare and validate new assays or reagent formulations in a cost-effective, small-batch format. Supports:

- Early R&D and proof-of-principle studies:** Quickly test new targets, designs or sample prep methods without committing to the higher-throughput IFC formats
- Application development and reagent testing:** Compare assay chemistries, reagent formulations or workflow conditions in separate partitions
- Feasibility studies before scale-up:** Demonstrate assay or panel performance on a limited sample set before moving to higher-throughput IFCs

Flexible sample management for variable workflows

Process only the number of samples you have, when you have them, minimizing waste and maximizing efficiency. Ideal for:

- Production environments with variable throughput:** Run samples as they arrive, without waiting to batch into larger IFC formats
- Applied and core labs:** Handle unpredictable sample intake with ease

Streamline Flex Six usage with the Biomark X9 System

• Simple, flexible management

Integrated software* makes it easy to track IFC usage and avoid wasted capacity.

• Automatic partition tracking

The Standard BioTools™ Biomark X9 System Software recognizes each Flex Six IFC and clearly identifies which partitions are used or available.

• Barcode-based identification

Separate run files are generated for each partition, all tracked to the IFC barcode.

* A software update is required to use the Flex Six IFC.

The image contains two screenshots of the Standard BioTools™ Biomark X9 System Software. The left screenshot shows the 'Partition Tracking' interface, which includes a search bar and a table with columns for Barcode, Exp. Date, Used, and Available. The table lists three IFCs: 1532232037 (Used 2,3, Available 1,4,5,6), 1538125484 (Used 1,2, Available 3,4,5,6), and 1541234567 (Used 1,2,3,4,5,6, Available N/A). The right screenshot shows the 'FLEX SIX™ PARTITION SELECTION' interface, which includes a grid diagram of the IFC and a table with columns for Partition, Usage, and Application. The table lists six partitions: 1 (13/8/2025 6:04 PM, SNP GT), 2 (15/8/2025 2:29 PM, Probe GT), 3 (22/8/2025 2:28 PM, Probe GT), 4 (Available, N/A), 5 (Available, N/A), and 6 (Available, N/A). Partition 4 is selected.

Flex Six requirements

- Biomark X9 System with updated software (standardbio.com/products/software#x9-anchor)
- XB Interface Plate (PN 102-1610) for running Flex Six IFCs on the Biomark X9 System

Multiple partitions may be run at the same time as long as all share common processing parameters (for example, same thermal-cycling program, load/mix protocol and detection schedule).

Recommended: Use all Flex Six partitions within three months of opening the IFC foil packaging.

Flex Six catalog*

Product Name	Product Description	Chemistry and Application	Product Number
Flex Six Genotyping IFC	One Flex Six Genotyping IFC	SNP Type™ and TaqMan	100-7485
Flex Six Gene Expression IFC	One Flex Six Gene Expression IFC	Delta Gene™ and TaqMan	100-6308
Control Line Fluid 150 (150 µL x 4)	Control line fluid for two Flex Six IFCs (two syringes/IFC)		101-8274
Control Line Fluid 150 (150 µL x 2)	Control line fluid for one Flex Six IFC (two syringes/IFC)		101-7602

* Additional product configurations are available. Contact your account representative for details.

Contact us at standardbio.com/contactus

Unleashing tools to accelerate breakthroughs in human health™



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The Power of Flex Six Flyer

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