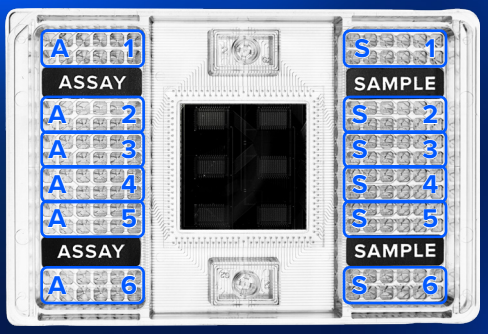
# The Power of Flex Six

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

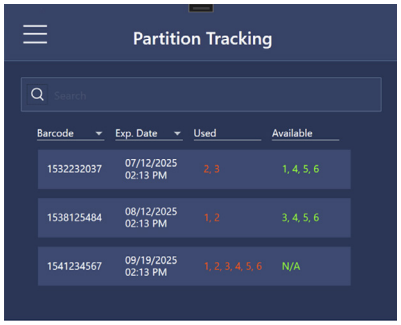
Process only the number of samples you have, when you have them, minimizing waste and maximizing efficiency. Ideal for:

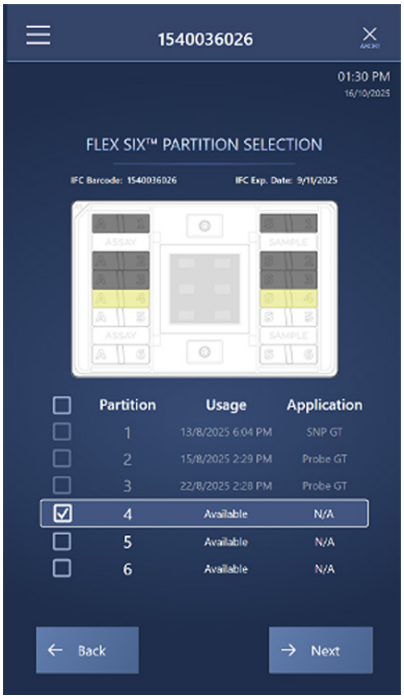
- **Production environments with variable throughput:** Run samples as they arrive, without waiting to batch into larger IFC formats
- **Applied and core labs:** Handle unpredictable sample intake with ease

## 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.




## 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**

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**The Power of Flex Six Flyer**