

# Microwave Synthesis Vials

## Migrate from mg to g without reoptimization



Microwave Vials 0.2-0.5 mL  
(only with EXP systems)



Microwave Vials 0.5-2 mL



Microwave Vials 2-5 mL



Microwave Vials 10-20 mL  
(only with EXP systems)

Biotage® high precision **microwave vials** are engineered for durability and safe reactions. All vials are designed to withstand pressures beyond 30 bar, and in a wide range of conditions.

### Simplicity

Simplicity is one of the benefits of modern microwave equipment. Reactions are performed in glass vials sealed with caps and heated in the microwave cavity. Chemists can quickly analyze reactions by sampling through a septum.

Biotage Microwave Vials are designed to support microwave synthesis from mg to g without the need for reoptimization. With the Initiator™ EXP system, methods that are run at a lower volume are directly transferrable across the entire volume range of 0.2-20 mL.

### Magnetic Stir Bars

The reaction mixture is continuously stirred by magnetic stirring during the heating process promoting even heating throughout.

### Optimum Vial Sizes

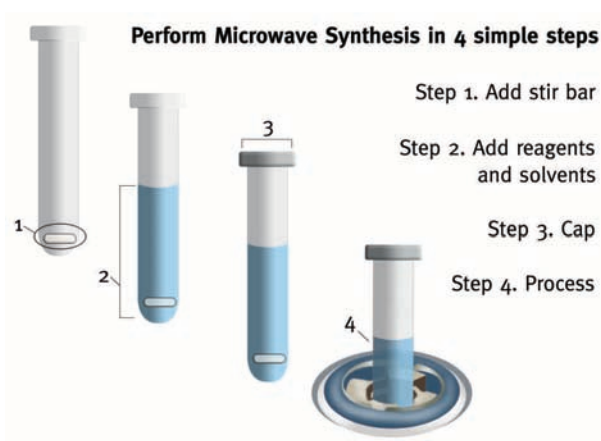
Each Biotage Microwave Vial has been designed for safe and efficient heating within its specified volume range. Together, the four vial types provide full scalability within the volume range of 0.2-20 mL.

### Multi-Gram Scale

Migrate directly to multi-gram scale without reoptimization using the 10-20 mL vials. These larger vials can also be used for preparation of scaffolds and intermediates or for generating larger quantities of active compounds for testing.

### Features and Advantages

- With the Reseal™ design, the septum can be resealed after it has been penetrated, allowing repeated additions of reagents or in-situ sampling.
- Manufactured from contaminant free microwave-safe glass.
- Magnetic stirring promotes even temperature distribution throughout the entire reaction mixture, including hetero-geneous mixtures.
- Available in four sizes: 0.2-0.5 mL, 0.5-2.0 mL, 2.0-5.0 mL and 10-20 mL.



## Ordering Information

Part Number	Item	Description
355458	Microwave Vials 0.2-0.5 mL	Microwave-safe glass vials, vol. size 0.2-0.5 mL, (qty 100) aluminum caps (qty 107) and magnetic stir bars (qty 107)
354625	Microwave Vials 0.5-2 mL	Microwave-safe glass vials, vol. size 0.5-2 mL, (qty 300) aluminum caps (qty 321) and magnetic stir bars (qty 321)
352016	Microwave Vials 0.5-2 mL	Microwave-safe glass vials, vol. size 0.5-2 mL, (qty 100) aluminum caps (qty 107) and magnetic stir bars (qty 107)
354624	Microwave Vials 2-5 mL	Microwave-safe glass vials, vol. size 2-5 mL, (qty 300) aluminum caps (qty 321) and magnetic stir bars (qty 321)
351521	Microwave Vials 2-5 mL	Microwave-safe glass vials, vol. size 2-5 mL, (qty 100) aluminum caps (qty 107) and magnetic stir bars (qty 107)
354833	Microwave Vials 10-20 mL	Microwave-safe glass vials, vol. size 10-20 mL, (qty 50) aluminum caps (qty 55) and magnetic stir bars (qty 5)

## Related Products



### Isolera

The Biotage® Isolera family of flash purification systems, enables chemists to easily achieve better separations. Collect fractions using two wavelengths, adjust the flow rate from 1 to 200 mL/min as needed and use up to four solvents in a single gradient, for maximum purity and yield.



### Initiator+

The Biotage Initiator+ represents a new generation of instruments for organic, medicinal, materials, nano and polymer chemistry professionals.

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