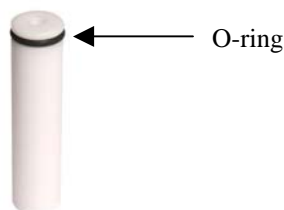


4 mL Vessel Inserts

The 4 ml reaction vessel inserts are designed to work in conjunction with the 10 ml reaction vessels to reduce the total volume to facilitate the processing of small reaction volumes. The kit includes ten (10) reaction vessel inserts and one (1) vessel removal tool. Each of the inserts are designed as a single-use insert. Note the 4 ml reaction vessel insert is an alternative to the 10 ml reaction vessel, but is not required in all cases.



Before Reaction:

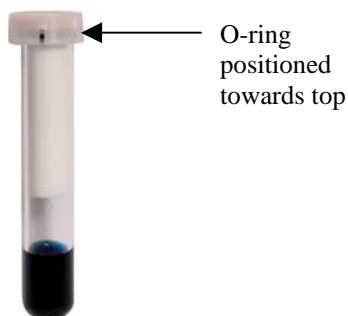
- 1) Place starting materials and stirring bar into a 10 ml reaction vessel (908035).
Maximum working volume of 2.5 mL
Minimum working volume of 100 μ L.

- 2) Place insert into 10 mL vessel with O-ring side towards top of vessel.

NOTE: Do not block hole in center of insert during insertion process.

NOTE: Ensure O-Ring side is toward top of vessel for later removal. Top of insert should be flush with rim of 10 ml vessel.

- 3) Snap cap onto top of vessel.



- 4) Place vessel into Discover or Explorer vessel rack.

After reaction:

- 1) Remove cap from vessel.
- 2) Remove insert with the Insert Removal Tool.
 - a. Rotate the threaded part of the Insert Removal Tool into the 4 mL Insert, 1 to 2 complete (360°) turns.
 - b. Pull up on the Insert Removal Tool to remove insert from vessel.



Insert Removal Tool



Remove Insert from 10 ml tube

NOTE: Use Care when pulling out 4 mL insert as to not spill or splash reaction product.