

# GenBox Mini Electrophoresis Tank Quick Guide

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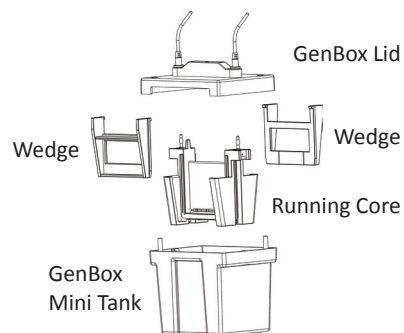


860 Centennial Ave.  
Piscataway, NJ 08854 U.S.A.

Tel: 1-732-885-9188  
Fax: 1-732-210-0262  
Email: [product@genscript.com](mailto:product@genscript.com)

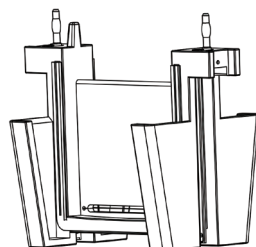
## Components of GenBox Mini Electrophoresis Tank

GenScript's GenBox mini tank comes with the following items shown below.



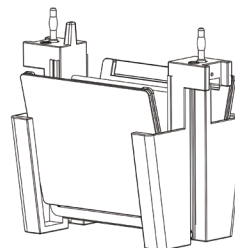
## Step 1. Assemble the GenBox mini tank

a. Set the white running core to the open position on a clean flat surface.



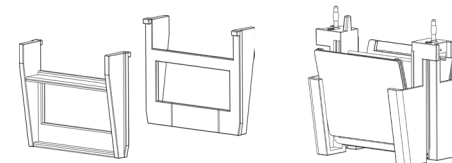
b. Place the gel cassettes (with the short plate facing inward) into the running core.

NOTE: If only using 1 gel then place a buffer dam on the opposite side.



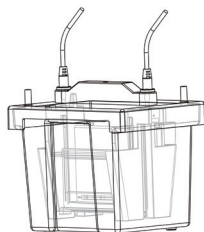
c. Insert the wedges into running core. The hook structure on the top of the wedges should face inward.

NOTE: The hook structure on the top of the wedge is designed for GenScript SurePAGE / ExpressPlus 10\*8 and 10\*10 PAGE gels. If other gels are used, please reverse the wedges to ensure the tight contact of the cassettes to the gaskets.



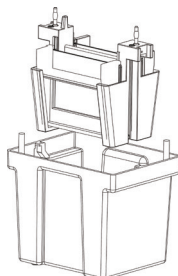
## Step 2. Start your electrophoresis run

Load your samples onto the gel(s), cover tank with the lid, and you are ready to run your samples!



e. Insert the running core with gel cassettes into the buffer chamber. Add approximately 550 mL running buffer to the level line on the tank.

NOTE: We recommend the buffer to be poured into the inner chamber first and overflow to the outer chamber to ensure that the inner chamber is filled to the top with buffer.



d. Press down firmly on the wedges to create a tight seal between the gel cassette and wedge.

