



6cm Dish Holder

 **Cherepashka**

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Summary

This is a stackable 6cm dish holder for cell culture. PLA is autoclavable with non-print support.

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This model is a stacking 6cm dish holder for cell culture and can be autoclaved with PLA.

Print settings:

Printer: Creality K1 Max

0.3mm layer height

15% infill

Cubic Subdivision Infill

Supports: no/optional

I printed this with both inland PLA+ and creality hyper PLA. Stacking posts may fail at the bottom inside of the ring, but you can cut those parts and the print retain functionality.

This was autoclaved by putting the print in a 1L beaker and submerging the print in heatbath beads(e.g. ThermoFisher Lab Armor Beads).

Autoclaved on a dry cycle. Waited for beads to cool and ethanol soaked

the beaker. Gently poured off beads into another clean beaker inside the hood and the print was ready to use.

You can try several scrunched balls of aluminum if you don't have heatbath beads, or something else to support the pillars from deforming. Hyper PLA has lasted 1+ months of UV light exposure in a Category 2 hood.

Model files



6cm-dish-holder-stackable.stl

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