



PCRopsis™ Concentrator

(NOT FOR RESALE)

INTENDED USE (research use only)

PCRopsis™ Concentrator is intended for concentrating DNA, proteins, and / or cells from liquid samples.

PRINCIPLES OF THE PROCEDURE

PCRopsis™ Concentrator consists of a proprietary substrate engineered to selectively absorb water from liquid samples without the use of equipment as a means of concentrating components within the sample. This is achieved through the use of a sterile, water absorbing substrate core where the substrate surface minimally binds to DNA, proteins, and cells. PCRopsis™ Concentrator allows for the concentration of samples without the need for centrifugation or vacuum, and thereby streamlines automated sample processing.

WARNINGS & PRECAUTIONS

For Research Use Only.

- Observe approved biohazard precautions and aseptic techniques to prevent contamination of the product. To be used only by adequately trained and qualified personnel.
- Directions should be read and followed carefully.
- Do not re-pack.
- Do not ingest.

Storage: This product is ready for use and no further preparation is necessary. The product should be transported and stored in a dry environment in its original container at ~25°C until used. Do not overheat or freeze prior to use. Improper storage will result in a loss of efficacy. Do not expose the product to organic solvents or samples with a pH lower than 5 or greater than 9. This may alter the surface chemistry and affect the functionality of the product. Do not use after expiration date, which is printed on the label.

Product Deterioration: This product should not be used if (1) there is evidence of damage or contamination to the product, (2) there is evidence of liquid in the product, (3) the color of the substrate has changed from white hazy to yellow, (4) the expiration date has passed, or (5) there are other signs of deterioration.

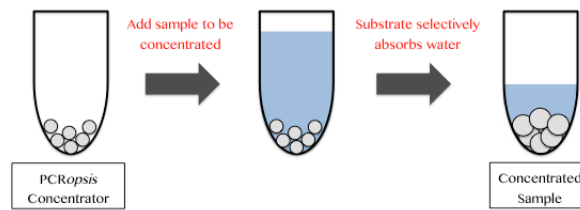
PROCEDURES

Materials Provided: PCRopsis™ Concentrator (bulk substrate or pre-loaded tubes)

Materials Required But Not Provided: Pipette with tips and test sample

Test Procedure: Proper specimen collection, transport, and storage is critical for successful concentration of samples.

1. Add 0.5 ~ 2 mL of sample to be concentrated into 2 mL tube containing ~15 PCRopsis™ Concentrator substrate beads
 1. Thoroughly mix sample with dried substrates for best results
2. Let sample incubate at room temperature for 2 ~ 20 minutes depending on your desired level of sample concentration
3. Remove concentrated supernatant into a fresh tube by sliding the pipette tip along the edge of the tube to the bottom of the tube to prevent clogging tips
4. Use concentrated supernatant in desired applications



Quality Control: All lots of PCRopsis™ Concentrator are tested for microbial contamination and the ability to absorb water.







AVAILABILITY – NOT FOR RESALE

Cat. #	Description
266384	PCRopsis™ Concentrator, 384 units (~5,760 substrate beads in bulk)
2661536	PCRopsis™ Concentrator, 1536 units (~23,040 substrate beads in bulk)
266850	PCRopsis™ Concentrator, 50x 2 mL tubes (1 unit / tube)
2668250	PCRopsis™ Concentrator, 250x 2 mL tubes (1 unit / tube)

MANUFACTURER

Entopsis, Inc., 7600 NW 69th Ave, Medley, FL 33166, USA info@entopsis.com

Glossary of Symbols Used

<div style="border: 1px solid black; padding: 2px; display: inline-block; margin-right: 5px;">RUO</div> Research use only		Keep away from direct sunlight
<div style="border: 1px solid black; padding: 2px; display: inline-block; margin-right: 5px;">REF</div> Manufacturer's catalog number		Number of tests
<div style="border: 1px solid black; padding: 2px; display: inline-block; margin-right: 5px;">LOT</div> Lot number		Consult instructions for use
 Expiration date (year/month)	<div style="border: 1px solid black; padding: 2px; display: inline-block; margin-right: 5px;">STERILE A</div>	Sterile through aseptic techniques
 Storage temperature		Manufacturer