



PCRopsis™ Concentrator

(NOT FOR RESALE)

v.20230206

INTENDED USE (Research use only. Not for use in diagnostic procedures.)

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

PRINCIPLES OF THE PROCEDURE

The PCRopsis™ Concentrator contains a substrate engineered to quickly and selectively absorb water with minimal absorption of RNA, DNA, proteins or cells. This approach allows you to concentrate RNA, DNA, proteins and cells from samples without utilizing time-consuming, expensive and labor intensive approaches. As such, the PCRopsis™ Concentrator offers an equipment-free solution that's well suited for high throughput applications and automation.

WARNINGS & PRECAUTIONS

For Research Use Only.

- Observe approved biohazard precautions and aseptic techniques to prevent contamination of the product.
- 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

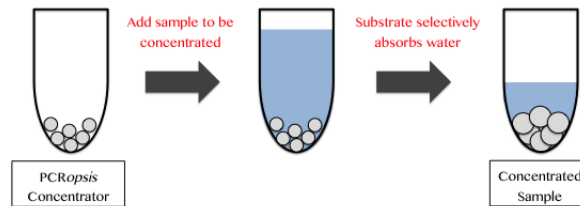
Materials Provided: PCRopsis™ Concentrator (bulk substrate or pre-loaded tubes)

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

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

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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



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

RUO	Research use only		Storage temperature
REF	Manufacturer's catalog number	STERILE A	Sterile through aseptic techniques
LOT	Lot number		Manufacturer
	Expiration date (year/month)		