

## Syringe Column

### (Multipurpose 0.5 ml and 2 ml Syringe Columns)

#### Catalog Number and Price:

EZSC111: 0.5ml Syringe Column 25 Columns/pack, \$45/pack

EZSC112: 2.0ml Syringe Column 25 Columns/pack, \$59/pack

#### Product Information:

##### Description:

**Enzymax Syringe Column** is designed for multiple applications by filling with various affinity resin, such as Ni resin, protein A or G, GST, size exclusion resin (Sephadex G25 or G50 etc.) or any SPE (solid phase extraction) sorbent. It is a fritted, snap-together column with a female lure-lock top to fit common disposable syringes. This column is shipped in two components: the column body and a snap-on top. A top frit and an end cap are also included. After the column is filled with resin, the top is snapped on for syringe connection. Two sizes with internal volume of approximately 0.55 ml and 2.30 ml, respectively, are available. Columns can also be linked together to increase capacity.

##### Specifications:

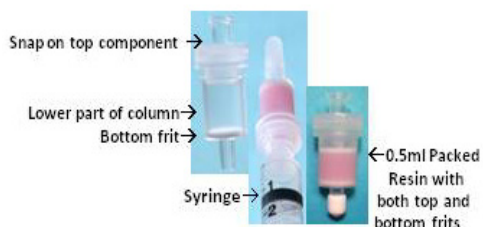
- COLUMN/FRIT: Medical grade Polypropylene (PE) FRIT pore size: 20  $\mu$ m
- Column capacity/bed volume: 0.55 ml and 2.30 ml
- Female Lure-Lock top for common disposable syringes
- Column and Lure-Lock top are Snapped together after filling resin

##### Selected applications

- Syringe-mediated SPE (Solid Phase Extraction) chromatography
- Fusion tagged protein purification with Ni resin, GST resin, etc.
- Antibody purification with affinity resin such as protein A or G, or L beads etc.
- Protein/DNA (PCR product etc.) desalting with Sephadex G25 or G50 resin
- Purification of oligonucleotides (>10bp) and removal of free and labeled dNTP in end-labeling with Sephadex G25 or G50
- Immunoprecipitation (IP) and co- Immunoprecipitation (Co-IP) with protein A or G, or L beads

##### General procedure:

1. Fill the lower part of column with dry or wet resin.
2. Add top frit on the top of the resin (Optional, but recommended).
3. Snap on the top component into place to make sure there is no leak.
4. Add or equilibrate the column with solutions of your choice with a syringe. Add end cap if needed. Ready to use!



0.5ml Syringe Column for Affinity Resins  
(Ni-, GST-, G25, 50, Protein A&G and SPE sorbent)



2.0ml Syringe Column for Affinity Resins  
(Ni-, GST-, Protein A,G, G25, 50, and SPE sorbent)

#### Snap-together Columns



0.5ml+0.5ml+2.0ml