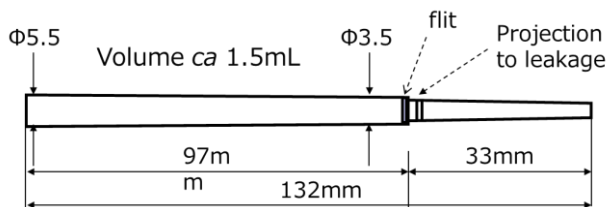




AB96 Simultaneous 96-position Processing Device (Synthesis & Purification)

- 96-well format pressure stable container (with Mini LibraTube® RT1.5M)
- Multi-Channel Pipette can be used
- Looking windows are equipped for observation
- HiPep's 96-Well Glass Plate is suitable for collection (see E001)



AB96 Body is made from Aluminum not exposed to HCl, although stable with 0.01 N HCl for several hours. Other organic acids, bases, organic solvents can be used. It is strongly recommended washing and cleaning as early as possible after use. RT1.5M is made of polypropylene

Rapid simultaneous syntheses, separation and purification

Oligo-peptide syntheses

AB96-system with RT1.5M Activated acyl component are **drop wise passed through columns** ⇒

Energy saving, Simple, Easy, No mixing (Drop-speed can be controlled by pressure)

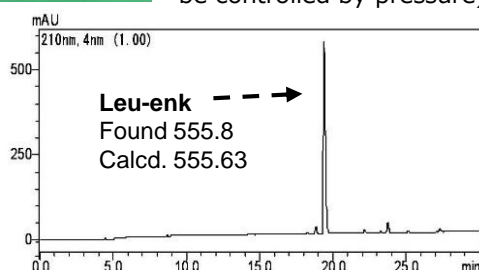
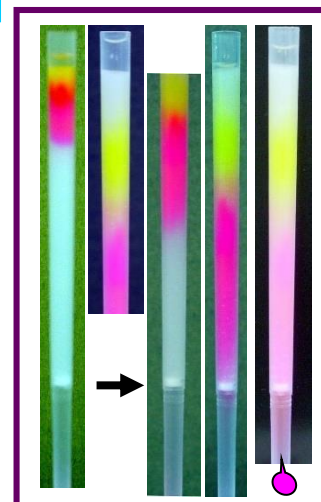
Multiple simultaneous processing: separation, labeling dye attachment, biotinylation, profusion of conjugate

Up to 96 simultaneous washing and/or column-chromatographic separation of synthetic products

Individual selection of column-pickings with low running cost= silica-gel, celite, active charcoal, Sephadex, ion-exchang resin, affinity column materials etc are packed and tested.

References

Nokihara, K., et.al, Peptides 2006, 340-341, 2006
Nokihara, K., et.al, Peptide Science 2005, 35-38, 2006



Application

Suitable for construction of compound-libraries, especially oligo

Liquid phase synthesis of dipeptides and related compounds

Optimization of reaction conditions can be efficiently performed (evaluation)

Simultaneous processing, for example comparison and/or evaluation of solid-supported catalysts/reagents: oxidation reaction of various alcohols using IBX resin, Suzuki coupling using palladium catalyst, etc.

Related product:
96-Well Multi-Tire™ Microtiter Plates

P/N	Items	Qty
AB96	96-channel Aluminum Body Multiple Separation Device ● Aluminum Body ● Aluminum lid with packing×1 ● Mini LibraTube[1.5 mL]×100 ● 96well glass platex1 ● Polypropylene reservoir×1	1
RT1.5M100	Mini LibraTube® [1.5 mL]	100
AB96P	Packing for AB96	5
9920LC-812FB	MTP System Glass Flat Bottom Vial (2.0 mL ABS)	1
9920LC-812 FBT	MTP System Glass Flat Bottom Vial (2.0 mL Topas)	1
9920LC-812	MTP System Glass Conical Bottom Vial (2.0 mL ABS)	1
9920LC-812T	MTP System Glass Conical Bottom Vial (2.0 mL Topas)	1

