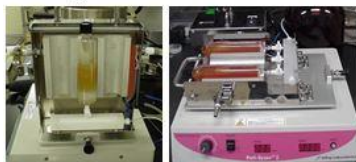


Contract based Syntheses / Analyses

From laboratory scale to bulk scale

Peptide science professionals will use our know-how and technology to synthesize peptide derivatives such as products suitable for the purpose. We will also respond to the design of the most suitable peptide for the purpose.

① Production of starting resin, by the in-house developed PetiSyzer®



② Automated Synthesizer PSSM-8, by Nokihara in 1991 (operated over night)



Peptide Libraries

③ Use of multiple LC-MS & MALDI-TOF/TOF



Chip & MS

Screening

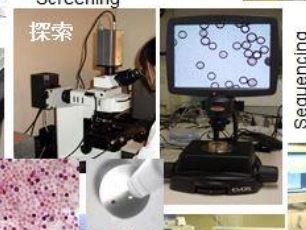
④ Manual syntheses for costly reagents, difficult sequences

⑤ Cleavage by PetiSyzer®

⑥ Large scale purification by in-house packed columns



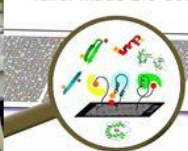
SPPS by 1 Liter Reactors



Sequencing



Tailor made Bio-detection, Biochip-fabrication



Analytes



Capture Mol. immobilized



Clean Room (class 100)



Tailor made array and detection service



Contract synthesis of Peptides & Related materials

Syntheses of the length of peptides	6~25 residues Please contact us for less than 5 residues, more than 26 residues. (Syntheses of ca 150 AAs could be performed previously)
Quality assurance data	RP-HPLC analysis data and mass spectrometry data
Synthetic sample before purification	Crude (Guaranteed over 60% purity)
Purified product	>70%, >80%, >90%, >95%
Production amount	1 mg, 5 mg, 10 mg, 20 mg, several gram, >100 gram: Please contact us
Delivery lead time	10 - 15 business days
Delivery form	Freeze dried product / Frozen / Dispense

【Options】

Acetylation, Biotinylation, C-terminal amidation, Cyclization, Multiple disulfide linkage, Sugar chain, Sulfate group, Phosphate group, Fluorescent group, Immobilized peptide, Peptide conjugation, Library (by systematic sequence) construction, Other (derivatization for immunity etc.)

Delivery lead time for options	15 - 20 business days
Delivery form	Freeze dried product / Frozen / Dispense / Peptide solution

※ Prices vary depending on sequences, structures, quantity, purity, delivery form.

We are using high quality building blocks (Protected Amino Acids, some in house prepared) especially no natural Amino Acids and dyes.