



Custom Peptides Solutions for

- > T-cell Epitope Discovery
- > HTS & Lead Optimization
- > Peptide Substrate Identification

JPT is the technology leader for providing highly innovative Custom Peptide Solutions. Applying its proprietary approaches JPT offers the largest variety of peptide formats worldwide.



Innovative Peptide Solutions

JPT provides custom peptide services for more than a decade to the world's most reputable scientific research organizations and pharmaceutical companies. Our long standing experience, the DIN EN ISO 9001:2000 certified Quality Management System and our unique technologies make JPT a leader in the industry. No other company worldwide produces more peptides.

Why to choose JPT as peptide provider

- All peptides produced in state of the art facilities in Germany
- Largest peptide synthesis capacities in industry
- Most advanced instrumental capabilities
- Worldwide references throughout academia and industry
- Highly skilled and experienced team
- Hundreds of own peer-reviewed publications in the field of peptide science
- Competitive and transparent pricing, dependable quality, fast turnaround
- Quote provision and professional consultation with a peptide chemist within one working day
- Comprehensive QA and QC documentation

Quality Assurance

JPT is committed to highest quality standards. All processes run under a DIN EN ISO 9001:2000 certified Quality Management System. The company successfully passed several external audits of our clients during the last decade. Our valued customers are invited to visit and inspect our state of the art production facilities at any time.

The Product Lines

Micro-Scale Peptide Sets

- ultra high-throughput synthesis of individual peptides
- up to 20.000 peptides/ week
- peptide amount 50 to 250 nmol/ peptide
- provision of freeze dried peptides in microplates
- full QC available

Macro-Scale Peptide Sets

- tailor-made synthesis of peptide libraries
- full QC by LC-MS and optional AAA, NPC, CE
- up to 1000 peptides/ week
- scale: mg to multi-gram
- aliquotation and vialing service available

Specialty Peptides

- production of >15,000 modified peptides per year
- modifications available:
 - phosphorylation
 - sulfation
 - methylation
 - photo- and fluorescence labeling
 - cyclization
 - incorporation on amide bond isosteres and non-natural amino acids
 - isotope labeling
 - FRET peptides
 - pegylated peptides and more
- specification: >70% to >97%
- scale: mg to multi-gram
- extensive QC available (LC-MS, AAA, NPC, CE, NMR etc.)

References

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An unconventional IAP-binding motif revealed by target-assisted iterative screening (TAIS) of the BIR3-clAP1 domain, **Kurakin & Bredesen**, J. Mol. Recognit. 20(1) (2007), p. 39-50.

Genome-Wide Analysis Reveals a Highly Diverse CD8 T Cell Response to Murine Cytomegalovirus, **Munks et al.**, The Journal of Immunology, 176 (2006), p. 3760-3766.

Folding and unfolding of a photoswitchable peptide from picoseconds to microseconds, **Ihalainen et al.**, PNAS 104(13) (2007), p. 5383-5388.

Novel Peptide Inhibitors of Human Kallikrein, **Hekim et al.**, J. Biol. Chem., 281 (18) (2006), p. 12555-12560.

A DNA Spiegelmer to staphylococcal enterotoxin B, **Purschke et al.**, Nucleic Acids Research, 31(12) (2003), p. 3027-3032.

Testimonials

"Our group at OHSU has purchased more than 50 000 peptides over the past few years from JPT to support our proteome wide TB epitope discovery program. We are impressed by the turnaround times and highly competitive pricing structure for such large numbers of peptides and are very satisfied with the responsive and professional service."

Gwendolyn Swarbrick
(Oregon Health & Science University, Portland, USA)

"AbD Serotec uses JPT's custom peptide services for many years to generate large numbers of monoclonal antibodies. With the consistent high quality services, the competent customer support and the stringent QA/QC procedures JPT clearly became our preferred peptide partner."

Karin Jury, PhD
(AbD Serotec – A Division of Morphosys, Munich, Germany)





Find your JPT product at one glance

Immuno Tools

PepSpot™ Array Service
PepMix™
RepliTope™
Epitope Mapping

Peptides & Arrays

PepStar™ Microarrays
Specialty Peptides
Macro-Scale Peptide Sets
Micro-Scale Peptide Sets
BioTides™

Enzyme Profiling Tools

Kinase Profiling Tools
Phosphatase Profiling Tools
Protease Profiling Tools



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