

**Department of Veterinary Pathobiology
College of Veterinary Medicine
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College Station, Texas 77843-4467**

PEPTIDE SYNTHESIS CORE: RATE STRUCTURE

(per 0.08 mM synthesis; yields between 60-100 mg of a HPLC-purified 20mer; 100-300 mg of crude peptide)

1) Consultation and computer analyses:	(estimated time once started: 1 week)	*see below
2) Peptide synthesis:	(estimated time: 1 week)	
	With standard HOBT / DIPCIDI activation (may not be appropriate for all couplings).	\$30.00 per coupling
	With HOAT/DIPCIDI activation (increased coupling efficiency; required for some couplings).	\$35.00 per coupling
	With HBTU activation	\$42.00 per coupling
	With HATU activation (for hydrophobic and >30 residue peptides)	\$48.00 per coupling
	With OPFP/DIPCIDI activation.	\$65.00 per coupling
3) TFA Cleavage**:	(estimated time: 3 days)	\$75.00 per peptide
4) Purification:		
	Ether precipitations (estimated time: 1 day)	\$60.00 per peptide
	Gel filtration (sufficient to produce antibodies, 1 run). (estimated time: 2 weeks)	\$175.00 per peptide
	Reverse-phase HPLC (analytical) (estimated time: 2-3 weeks)	\$65.00 per run
	Reverse-phase HPLC (semi-preparative) (estimated time 3-4 weeks)	generally not done
	If needed	\$275.00
5) Mass Spectrophotometry	(estimated time: 2 weeks)	\$75.00 per peptide
6) <u>DISCOUNTS:</u>		
	College of Veterinary Medicine:	10%
	Department of Veterinary Pathobiology:	15%
	Collaboration:	25%

** Computer analyses can only be done for collaborators except under special circumstances; **includes analytical HPLC. Preparative HPLC generally not needed, but is available. We guarantee the peptides are correct by mass spec and ≥75% full-length product. If these standards are not met, the peptide is re-synthesized at no cost.*