



Customer:

Brno, 22/2/2023

[Redacted]
Katedra biochemie PřF UPOL
Šlechtitelů 27
783 71 Olomouc
Tel: + [Redacted]
[Redacted]

Your ref: Request: *synthesis of peptides and development of polyclonal sera*

Estimated cost for potential work:

Research & Development service	Price for item	No. of items	Price (CZK)
Peptid 1: CFNPKIKWPQGY	550,-/AA	12	6600,00
Peptid 2: CRKTSFKDLWDKR	550,-/AA	13	7150,00
Kaplování peptide 1 a 2 přes cystein	3200,-	2	6400,00
Imunizace králíků peptidem 1	6500,-	2	13000,00
Imunizace králíků peptide 2	6500,-	2	13000,00
Affinitní purifikace lépe odpovídajícího králíčího séra peptidem 1	2800,-	1	2800,00
Affinitní purifikace druhého králíčího séra peptidem 1	zdarma	1	zdarma
Affinitní purifikace lépe odpovídajícího králíčího séra peptidem 2	2800,-	1	2800,00
Affinitní purifikace druhého králíčího séra peptidem 2	zdarma	1	zdarma
Cena bez DPH			51750,00
DPH			10867,50
Celkem s DPH			62617,50

We supply 10-15 mg of peptides with > 70% purity (analysed using MS). 5mg of peptide will be coupled to KHL (for immunization of animals) and 1mg of peptide will be coupled to BSA (for testing of animal response or screening of antibodies). 5mg of peptide will be used for affinity purification. The rest of peptides will be sent to you as powder.
The time for synthesis and coupling is 3-4 weeks from official ordering.

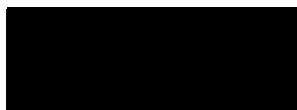
Phase	Procedure	Description of used procedure	Time of realisation
1	1 st injection of antigen	Rabbit immunized using 350 – 500 micrograms of antigen (coupled peptide)	Day 1 (after delivery of peptide and coupling)

Moravian-Biotechnology spol. s r. o.; Křižíkova 2697/70 612 00 Brno
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2	2 nd injection of antigen	Rabbit immunized using 350 – 500 micrograms of antigen (coupled peptide)	Day 19-21
3	Sera after 2 nd injection	Collection of sera after 2 nd injection of antigen	Day 26-28
4	Testing sera	Testing of the sera after 2 nd injection using dot-blot.	Day 29-30
5	3 rd injection of antigen	Rabbit immunized using 350-600 micrograms of antigen – based on rabbit response after 2 nd injection	Day 49-51
6	Sera after 3 rd injection	Collection of sera after 3 rd injection of antigen	Day 56-58
7	Testing sera	Testing of the sera after 3 rd injection using dot-blot. Delivery 1 ml of sera via normal post.	Day 59-61
8	4 th injection of antigen	Rabbit immunized using 350-600 micrograms of antigen – based on rabbit response after 3 rd injection	Day 79-81
9	Termination of rabbit	Final collection of 60 ml of rabbit sera	Day 86-88
10	Purification of sera	Affinity purification of rabbit sera using peptide column	Day 91-95
10	End of the project	Delivery of the sera via EMS	Three weeks later

Yours Sincerely



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