**ANTIBODY GENERATION FORM**

**Customer Details:**

Pl Name - **……………………………………………………………………………………………………………..……..……..………..……..…**

Institution name **-**  **…………………………………………………………………………………………………..……..……...……..……..…**

**…………………………………………………………………………………………………..……………………………………………………..……..…**

Email ID (required) - **………………………………………………………………………………………………….……………………..……

Contact Numbers: (required)**
Mobile No. - **……………………………………………….………** Office No. - **……………………………………………..……………**

Delivery Address (required) - **………………………………………………………………………………………………….……..……...**

**…………………………………………………………………………………………………………………………………………………………..……….**Name & amount of the antigen (required**) *(will be used for further communication)* ………..………….**

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1. **Please choose from the following option: (tick your option)**
2. BBL will raise the antibody from your supplied Protein/Peptide.
3. BBL will raise the antibody from your supplied clone.
4. BBL will make the clone for antibody generation.
5. **Information about the protein/peptide**
6. Purity of the peptide/protein: (mass spec or western blot)
7. Cloned expression plasmid provided from customer end: YES NO

*If yes, detailed information of the clone including target gene sequence must be provided by email.
if No, the customer will be charged for the service of cloning, expression and purification.*
8. **Final Product Information**

1. Customer wants only pre-immune and immune serum – YES NO

 ***Note : BBL will provide ~20-25 ml sera from Rabbit (For mouse it will vary)***

v

2. Customer wants affinity purification by Protein A/G (whole IgG purification) – YES NO
 ***Note : BBL will provide ~5-10 mg pure polyclonal antibody (For mouse it will vary)***

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3. Customer wants true affinity purified polyclonal-antibody (antigen-specific) -

YES NO

V

V

 ***Note : BBL will provide ~2-5 mg pure polyclonal antibody (For mouse it will vary)***

1. **Timeline of antibody generation, purification and quality test**

1. Antigen will be injected into two rabbits or mice followed by 4 booster injections.

2. Sera will be ready in 3 months starting from the first injection.

 ***Note: Longer time might be required in case of lockdown or natural disaster****.*

3. Purification will require another 2 weeks.

4. Antibody specificity will be determined by ELISA using recombinant protein**/**peptide antigen used for immunization.

**Terms and Conditions:**

*We will test if the affinity-purified antibody binds to the recombinant protein or peptide against which it was raised, by enzyme linked immunosorbant assay (ELISA). This result alone will unambiguously determine successful completion of the project. Since this service involves procurement of several expensive reagents the customer is expected to pay 25% of the quoted price of the project in advance and the rest within 15 days of receiving the finished product. This is exclusively a service provided by BBL to a customer, and BBL will not be selling any products developed from this project.*

Customer’s Signature with date