**Epitope Mapping Service Quotation Request Form**

***Instructions***

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| **1. Please complete and email this form to Northern America:** [**cdmo.us@genscriptprobio.com**](mailto:cdmo.us@genscriptprobio.com)**; Asia Pacific:** [**cdmo.apac@genscriptprobio.com**](mailto:cdmo.apac@genscriptprobio.com)**; Europe:** [**cdmo.eu@genscriptprobio.com**](mailto:cdmo.eu@genscriptprobio.com)**.**  **2. Our service representative will contact you with the quote** |

***Customer Information***

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| **Name:** |
| **Institution:** |
| **Shipping address** *(needed to determine shipping cost)***:** |
| **Phone:** |
| **Email:** |

***Service Specification Information***

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| **Do you know the epitope type of the sample?**  Yes  No |
| **What is the epitope type of the sample?**   Linear epitope  Conformational epitope |
| **Which method(s) was used to define the epitope type?** |
| **Desired assays:**  **Linear epitope mapping**  **Conformational epitope mapping** |
| **Overlapping Peptide Library**  **Peptide Length:**       **Overlap:**        **N-terminus:**  Biotinylated (recommend)  Acetyl  Free amine  Other  **Cys-Ser-Exchange:**  Yes (recommend)  No |
| **Detection**  **Control incubation detection:**  Yes (recommend)  No |

***Antigen and Antibody Description***

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| **Antigen** **Description**  **Antigen length:**  **Amino acids sequence:**        **Any glycosylation in the protein?**  Yes  No  **If Yes, does the glycosylation contribution to the specificity?**  Yes  No |
| **Antibody Description**  **Species:**  *Homo sapiens*  *Mus musculus*  *Rattus norvegicus*  Others  **Association constant (Ka):**  **Dissociation constant (Kd):** |
| **Please submit the antibody samples and antigen according to the requirements suggested below.**   |  |  |  | | --- | --- | --- | | **Samples** | **Quantity** | **Storage &Shipping Requirements** | | Antibody | 100 µg/detection | Powder at 2-8℃ or dissolved in PBS, pH 8.0-8.5,shipping at -20℃ at least | | Antigen | 10 ug | Dissolved in PBS, pH 8.0-8.5,shipping at -20℃ at least | |
| **Approx amount of antibody sample:** µg |

***Additional Services for Epitope Optimization***

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| **Truncation library -- Determine the minimum length required for epitope activity**  **Alanine scanning -- Identify specific residues responsible for the epitope’s function**  **Substitutional analysis -- Functional characterization of epitopes**  **Other** |

***Project Information***

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| **Is this project for grant application purpose?**  Yes  No |
| **When will the project start?**  Immediately  Within one month  Within 3 months  Half a year later |