**Supplemental data**

This document provides raw data for section 3.2 to 3.5 which were obtained from LC-MS/MS measurements and used to build the graphs found in the manuscript and for statistical analysis.

**Data for section 3.2 of the manuscript**

|  |  |
| --- | --- |
| Camelid amount[ng] | Signal Intensity |
| 10 | 6.91E+03 |
| 10 | 4.89E+03 |
| 10 | 4.65E+03 |
| 40 | 1.90E+04 |
| 40 | 2.04E+04 |
| 40 | 2.26E+04 |
| 100 | 2.88E+04 |
| 100 | 2.89E+04 |
| 100 | 2.66E+04 |
| 250 | 2.91E+04 |
| 250 | 2.93E+04 |
| 250 | 3.01E+04 |
| 500 | 3.47E+04 |
| 500 | 2.94E+04 |
| 500 | 3.00E+04 |

**Data for section 3.3 of the manuscript**

|  |  |
| --- | --- |
| Binding Time[hours] | Signal Intensity |
| 1 | 5,10E+03 |
| 1 | 5,31E+03 |
| 1 | 5,36E+03 |
| 2 | 5,96E+03 |
| 2 | 5,90E+03 |
| 2 | 5,62E+03 |
| 3 | 6,08E+03 |
| 3 | 6,27E+03 |
| 3 | 6,28E+03 |
| 4 | 6,61E+03 |
| 4 | 6,12E+03 |
| 4 | 5,90E+03 |
| 5 | 6,99E+03 |
| 5 | 6,56E+03 |
| 5 | 6,75E+03 |
| 24 | 7,70E+03 |
| 24 | 8,05E+03 |
| 24 | 8,02E+03 |

**Data for section 3.4 of the manuscript**

|  |  |  |
| --- | --- | --- |
| Sample volume [µL] | Signal Intensity |  Signal Intensity/µL |
| 50 | 1,36E+04 | 2,72E+02 |
| 50 | 1,36E+04 | 2,72E+02 |
| 25 | 6,97E+03 | 2,79E+02 |
| 25 | 7,15E+03 | 2,86E+02 |
| 10 | 2,07E+03 | 2,07E+02 |
| 10 | 2,06E+03 | 2,06E+02 |
| 5 | 7,13E+02 | 1,43E+02 |
| 5 | 7,39E+02 | 1,48E+02 |

**Data for section 3.5 of the manuscript**

|  |  |  |
| --- | --- | --- |
| Sample Volume[µL] | Thermo 96 well plateSignal Intensity | Sigma Screen 96 well plateSignal Intensity |
| 25 | 1,64E+05 | 2,11E+05 |
| 25 | 1,76E+05 | 1,96E+05 |
| 50 | 3,99E+05 | 3,59E+05 |
| 50 | 4,28E+05 | 4,40E+05 |
| 75 | 6,65E+05 | 7,08E+05 |
| 75 | 7,17E+05 | 6,62E+05 |