Table S2. Analytical range values (activity measured in the DBS divided by that measured in the no DBS-blood blank) obtained using a 3mm punch of a DBS made from a healthy adult.

|  |  |  |
| --- | --- | --- |
|  | **FIA-MS/MS 4-Plex** | **LC-MS/MS 8-Plex** |
| Pompe | 851 | 792 |
| Fabry | 118 | 307 |
| Gaucher | 101 | 142 |
| MPS I | 78 | 439 |
| MPS II |  | 537 |
| MPS 3B |  | 887 |
| MPS 4A |  | 93 |
| MPS 6 |  | 506 |

1Activities are the mean of triplicate runs.

2The analytical range is the activity with 3 DBS punch divided by blank activity with filter paper punch (no blood).