| Organs       | brain (PCN ip) | brain (control) |
|-------------|----------------|-----------------|
| OD (340nm)  | 0.116          | 0.051           |
|             | 0.11           | 0.053           |
|             | 0.121          | 0.057           |
|             | 0.119          | 0.057           |
|             | 0.118          | 0.057           |
|             | 0.119          | 0.058           |
|             | 0.123          | 0.057           |
|             | 0.121          | 0.058           |
|             | 0.12           | 0.059           |
|             | 0.119          | 0.057           |

| mM/cm       | 0.012083333    | 0.0053125       |
|-------------|----------------|-----------------|
|             | 0.011458333    | 0.005520833     |
|             | 0.012604167    | 0.0059375       |
|             | 0.012395833    | 0.0059375       |
|             | 0.012291667    | 0.0059375       |
|             | 0.012395833    | 0.006041667     |
|             | 0.0128125      | 0.0059375       |
|             | 0.012604167    | 0.006041667     |
|             | 0.0125         | 0.006145833     |
|             | 0.012395833    | 0.0059375       |

| Specific Activity (mM/cm/min) | 2.417 | 1.063 |
|------------------------------|-------|-------|
|                              | 2.292 | 1.104 |
|                              | 2.521 | 1.188 |
|                              | 2.479 | 1.188 |
|                              | 2.458 | 1.188 |
|                              | 2.479 | 1.208 |
|                              | 2.563 | 1.188 |
|                              | 2.521 | 1.208 |
|                              | 2.5   | 1.229 |
|                              | 2.479 | 1.188 |
## Protein BSA standard curve

| BSA ug/100ul | OD 280 nm  | Average   |
|--------------|------------|-----------|
|              | 0.035      | 0.037     | 0.039     | 0.039     | 0.0374    |
| 5            | 0.063      | 0.064     | 0.065     | 0.066     | 0.068     | 0.0652    |
| 10           | 0.104      | 0.106     | 0.106     | 0.108     | 0.109     | 0.1066    |
| 15           | 0.137      | 0.138     | 0.138     | 0.14      | 0.14      | 0.1386    |
| 20           | 0.173      | 0.173     | 0.174     | 0.175     | 0.176     | 0.1742    |
| 25           | 0.207      | 0.209     | 0.21      | 0.212     | 0.215     | 0.2106    |
| 30           | 0.25      | 0.251     | 0.253     | 0.254     | 0.256     | 0.2528    |
| 35           | 0.279      | 0.279     | 0.281     | 0.282     | 0.282     | 0.2806    |
| 40           | 0.293      | 0.294     | 0.298     | 0.299     | 0.299     | 0.2966    |
| 45           | 0.364      | 0.365     | 0.366     | 0.368     | 0.37      | 0.3666    |
| 50           |            |           |           |           |           |           |

### Diagram

![Protein BSA standard curve graph](attachment:protein_bsa_graph.png)