

## Appendix 7

### Age-related reference ranges for CSF amino acid analysis

Units =  $\mu\text{mol/L}$

CSF	< 6 months	6 months – 1 year	1 – 5 years	> 5 years
<b>Glycine</b>	2-15	2-10	2-10	2-10
<b>Threonine</b>	21-115	12-55	12-55	12-55
<b>Serine</b>	32-80	27-63	24-56	18-44
<b>Alanine</b>	18-59	13-41	13-41	13-41

*(Source: CSF amino acid reference intervals from the Cardiff Working Group, MetBioNet)*