Organ Transplant Monitoring Profile

|  |  |  |
| --- | --- | --- |
| Marker/Age | % of lymphocytes | Absolute count (cells/cmm) |
| CD3 |  |  |
| 0 – 1 month | 53-84 | 1219-9072 |
| 1 – 3 months | 53-84 | 1378-11172 |
| 3 – 6 months | 51-77 | 1428-9933 |
| 6 months-1year | 49-76 | 1372-9804 |
| 1-2 years | 53-75 | 848-6450 |
| 2-6 years | 56-75 | 896-6450 |
| 6-12 years | 60-76 | 660-4636 |
| 12-18 years | 56-84 | 616-5124 |
| >18 years | 61-79 | 732-3160 |
|  |  |  |
| CD19 |  |  |
| 0 – 1 month | 6-32 | 138-3456 |
| 1 – 3 months | 6-32 | 156-4256 |
| 3 – 6 months | 11-41 | 308-5289 |
| 6 months-1year | 14-37 | 392-4773 |
| 1-2 years | 16-35 | 256-3010 |
| 2-6 years | 14-33 | 224-2838 |
| 6-12 years | 13-27 | 143-1647 |
| 12-18 years | 6-23 | 66-1403 |
| >18 years | 7-20 | 84-800 |

Pediatric Reference Ranges from Journal of Allergy and Clinical Immunology, vol. 112, No. 5, 11/2003 and studies performed at Michigan Medicine Flow Cytometry Laboratory. Absolute ranges are calculated utilizing absolute lymphocyte count ranges for the same age groups provided by the hematology laboratory