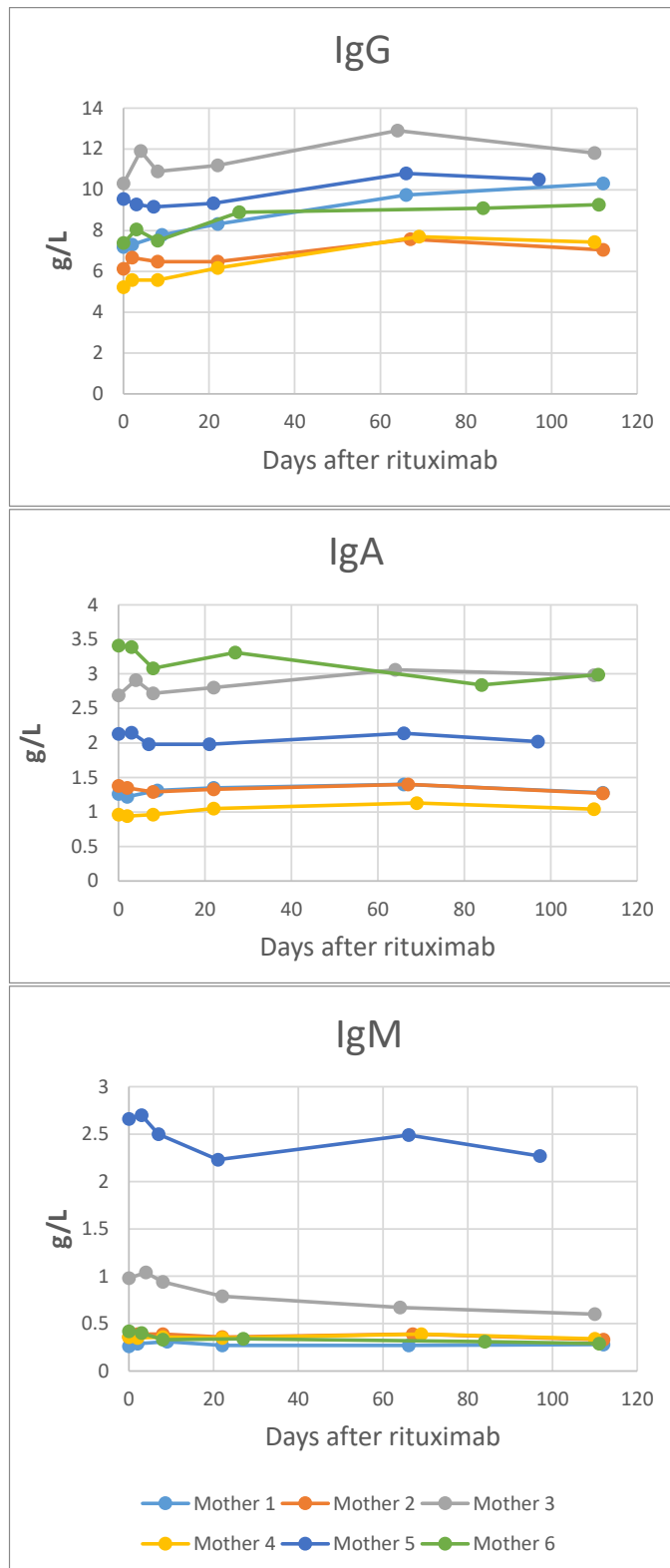


SUPPLEMENTAL MATERIAL

- Supplementary figure 1:** Immunoglobulin levels in the mothers' serum
- Supplementary figure 2:** Immunoglobulin levels in the infants' serum
- Supplementary table:** Previous disease-modifying treatments, prior to rituximab

Supplementary figure 1: Immunoglobulin levels in the mothers' serum



Reference ranges for serum immunoglobulin for adults:

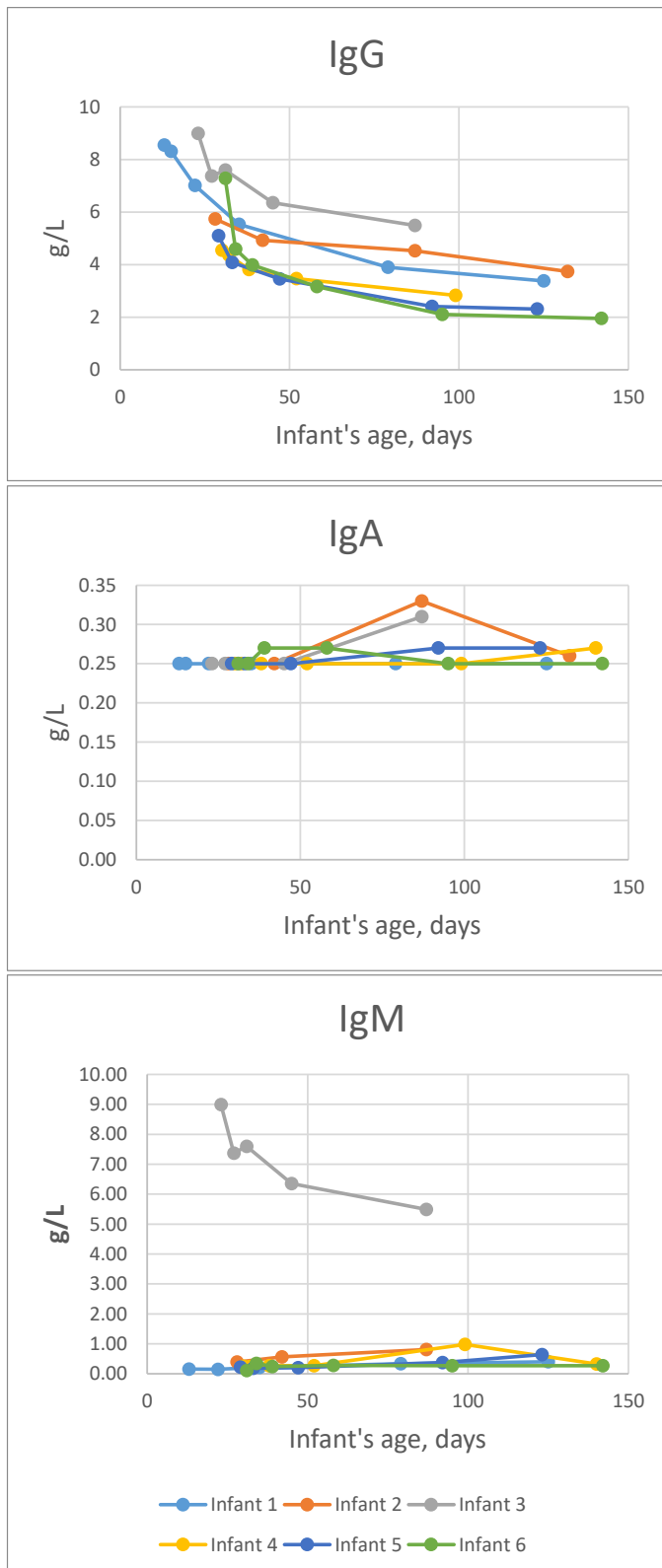
IgG: 6.0–15.3 g/L

IgA: 0.8–4.0 g/L

IgM: 0.3–2.3 g/L

The levels are within the reference ranges, except from the three first IgG values of the serum samples taken of mother number four: on day 0, 2 and 8. They were 5.23, 5.58 and 5.58 g/L, thus not far from the lower range of 6 g/L.

Supplementary figure 2: Immunoglobulin levels in the infants' serum



Age-related reference ranges used for immunoglobulins at HUS:

IgG
 0–30 days: 6–13 g/L
 30–90 days: 2.1–9.4 g/L
 90–180 days: 1.7–8.5 g/L

The IgG levels are high in the newborn period, but decrease until their sixth month of life.¹

IgA
 0–30 days: 0–0.1 g/L
 30–90 days: 0–0.6 g/L
 90–180 days: 0–0.85 g/L

Note: The IgA levels <0.25 g/L are here marked as 0.25 g/L.

IgM
 0–30 days: 0–0.1 g/L
 30–90 days: 0.1–1.1 g/L
 90–180 days: 0.1–1.2 g/L

IgM levels are within the ranges, except for the high IgM levels in infant number 3.

Supplemental table 1: Disease-modifying treatments prior to rituximab

Patient 1	Interferon beta-1b, fingolimod, dimethyl fumarat and alemtuzumab
Patient 2	Fingolimod, natalizumab and dimethyl fumarat
Patient 3	None.
Patient 4	Interferon beta-1a, glitrameracetat and dimethyl fumarat
Patient 5	Dimethyl fumarat
Patient 6	Interferon beta-1b and natalizumab

References

1. Bayram RO, Özdemir H, Emsen A, et al. Reference ranges for serum immunoglobulin (IgG, IgA, and IgM) and IgG subclass levels in healthy children. *Turk J Med Sci* 2019;49(2):497-505. doi: 10.3906/sag-1807-282 [published Online First: 2019/04/19]