

Rare Blood Groups in Pregnancy
Case collection of the DGTI Working Party on Rare Blood Groups

Hinweis:

Aus Gründen des Datenschutzes dürfen im Internet keine Daten gezeigt werden, die eine Identifikation der Schwangeren ermöglichen. Dazu werden auch der Ort und Klinik der Entbindung gerechnet. Sind Sie Ärztin/Arzt, betreuen eine Schwangere mit seltenen Antikörpern und möchten Kontakt mit Kollegen aufnehmen, die diesbezüglich Erfahrung besitzen, nehmen Sie bitte Kontakt mit der Arbeitsgruppe Seltene Blutgruppen auf (dgti-rare-donors@blutspende.de).

Please note:

For reasons of data protection, no data may be shown on the Internet that would allow the pregnant woman to be identified. This also includes the place and hospital of delivery. If you are a doctor caring for a pregnant woman with rare antibodies and would like to make contact with colleagues who have experience in this area, please contact the German *Rare Blood Groups Working Group* (dgti-rare-donors@blutspende.de).

Case No.	Contributing serologist	Institute	Year	Antibody specificity and, e.g., w/g - week of gestation p - present a - appeared	Antibody titre at the time of discovery (and technique: e.g., t - tube c - column)	Antibody titre at delivery (and technique: e.g., t - tube c - column)	Previous pregnancies	Course of pregnancy	Perinatal period	RBC transfusion of newborn no / yes: number	newborn serology	comments	
X1	F. Example	University of Ulm, Germany		Anti-X, 20 w/g, a				intruterine transfusion hydrops, c-section	Exchange transfusion, prolonged phototherapy				
Kp(b)1	Theses data are available on request only. Please contact dgti-rare-donors@blutspende.de		2017	anti-Kp(b), 32nd w/g, a anti-c, 32nd w/g, a	16, c 1, c	32, c 64, c	1	no intervention during pregnancy, c-section 38th w/g	day 0, 1 h: Hk 0.28 (Ref: > 0.35), reticulocytes 20% day 0, 2 h: bilirubin 197 µmol/l (Ref. < 34 µmol/l) intensified phototherapy started	day 0, 6h: 54 ml	day 0: DAT 4+ plasma: maternal anti-Kp(b) and anti-c		
									day 5: Hk 0.37, bilirubin 170 µmol/l day 7: cessation of phototherapy day 12: Hk 0.25, bilirubin 170 µmol/l, reticulocytes 6 %		day 12: only anti-c detectable	no further information available after day 12	
U1			2023	anti-U, 24th w/g, p anti-U, 31st w/g	32, c 128, c		unknown	Doppler sonography arteria cerebri media, no intervention required	day 0: Hb 13.0 g/dl, bilirubin <2.0 mg/dl (Ref. < 2.0 g/dl) day 3: Hb 12.4 g/dl, bilirubin 20 mg/dl intensified phototherapy started	day 7: Hb 11.7 g/dl, bilirubin 14.8 mg/dl day 8: Hb 12.7 g/dl, bilirubin 16.9 mg/dl	no	Day 0: DAT reactive antibody screen panreactive	no further therapy required after day 9
Jr1			2023	anti-Jr(a), 29th w/g, a	32, c	16, c	1	Doppler sonography arteria cerebri media, no intervention required, delivery 38th w/g	day 0: Hb 18 g/dl no therapy required	no	day 0: DAT IgG 2+, plasma: maternal anti-Jr(a), titre 2		
Lu(b)1			2024	anti-Lu(b), 26th w/g, a	64, c	64, c	none	preterm prelabour rupture of the membranes and delivery in the 34th w/g	day 0: Hb 15.1 g/dl no therapy required	no	no data available	no clinical signs of haemolytic disease of the newborn	