

Rekombinante Blutgruppenproteine: Neue Möglichkeiten in der Antikörperdiagnostik

1. Bolton-Maggs PH, Cohen H: Serious Hazards of Transfusion (SHOT) haemovigilance and progress is improving transfusion safety. *British journal of haematology*. 2013;163: 303-14.
2. Seltsam A, Wagner FF, Salama A, Flegel WA: Antibodies to high-frequency antigens may decrease the quality of transfusion support: an observational study. *Transfusion*. 2003;43: 1563-6.
3. Reid ME, Lomas-Francis C, Olsson ML: Blood group antigen factsbook.3rd ed. San Diego, CA: Academic Press, 2012.
4. Ridgwell K, Dixey J, Scott ML: Production of soluble recombinant proteins with Kell, Duffy and Lutheran blood group antigen activity, and their use in screening human sera for Kell, Duffy and Lutheran antibodies. *Transfusion medicine*. 2007;17: 384-94.
5. Seltsam A, Blasczyk R: Recombinant blood group proteins for use in antibody screening and identification tests. *Curr Opin Hematol*. 2009;16: 473-9.
6. Seltsam A, Wagner F, Lambert M, Bullock T, Thornton N, Scharberg EA, Grueger D, Schneeweiss C, Blasczyk R: Recombinant blood group proteins facilitate the detection of alloantibodies to high-prevalence antigens and reveal underlying antibodies: results of an international study. *Transfusion*. 2014;54: 1823-30.
7. Daniels GL, Green CA, Powell RM, Ward T: Hemagglutination inhibition of Cromer blood group antibodies with soluble recombinant decay-accelerating factor. *Transfusion*. 1998;38: 332-6.
8. Moulds JM, Rowe KE: Neutralization of Knops system antibodies using soluble complement receptor 1. *Transfusion*. 1996;36: 517-20.
9. Seltsam A, Agaylan A, Grueger D, Meyer O, Blasczyk R, Salama A: Rapid detection of JMH antibodies with recombinant Sema7A (CD108) protein and the particle gel immunoassay. *Transfusion*. 2008;48: 1151-5.
10. Seltsam A, Agaylan A, Grueger D, Meyer O, Blasczyk R, Salama A: Rapid detection of anti-Lu(b) with recombinant Lu(b) protein and the particle gel immunoassay. *Transfusion*. 2008;48: 731-4.
11. Seltsam A, Grueger D, Blasczyk R, Flegel WA: Easy identification of antibodies to high-prevalence Scianna antigens and detection of admixed alloantibodies using soluble recombinant Scianna protein. *Transfusion*. 2009;49: 2090-6.
12. Seltsam A, Grüger D, Blasczyk R: Prokaryotic versus eukaryotic recombinant Lutheran blood group protein for antibody identification. *Transfusion*. 2007;47: 1630-6.
13. Seltsam A, Strigens S, Levene C, Yahalom V, Moulds M, Moulds JJ, Hustinx H, Weisbach V, Figueroa D, Bade-Doeding C, DeLuca DS, Blasczyk R: The molecular diversity of Sema7A, the semaphorin that carries the JMH blood group antigens. *Transfusion*. 2007;47: 133-46.
14. Telen MJ, Rao N, Udani M, Thompson ES, Kaufman RM, Lublin DM: Molecular mapping of the Cromer blood group Cra and Tca epitopes of decay accelerating factor: toward the use of recombinant antigens in immunohematology. *Blood*. 1994;84: 3205-11.
15. Yazdanbakhsh K, Oyen R, Yu Q, Lee S, Antoniou M, Chaudhuri A, Reid ME: High-level, stable expression of blood group antigens in a heterologous system. *Am J Hematol*. 2000;63: 114-24.
16. Heuft H-G, Dahm A, Lanz S, Wille G, Graf M, Schneeweiss C, Blasczyk R: Soluble recombinant blood group proteins for red blood cell antibody identification. *Transfus Med Hemother*. 2014;41(suppl 1): 18.
17. Heuft HG, Gentz R, Wittmann G, Salama A: Alloantibodies directed against high-frequency red blood cell antigens. *Infusionsther Transfusionsmed*. 1999;26: 234-9.
18. Heuft H-G: Stellenwert löslicher rekombinanter Blutgruppenproteine im immunhämatologischen Labor. *Transfusionsmedizin*. 2015;5: 74-9.