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Brucellose ...

... causes contagious abortion in cattle. The cell-wall lipopolysaccharide O-antigen of Brucella species is a homopolymer of 4,6-dideoxy-4-formamido- α -D-mannose joined by 1,2 and 1,3 linkages to create A- and M-antigenic determinants, respectively. In their Communication on page 7181 ff., D. R. Bundle and co-workers describe a glycoconjugate with both antigenic features. This antigen (red) detects A-specific (green) and M-specific (turquoise) antibodies from infected cattle.



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