



# Vancouver, BC Diagnostic Services

## Recommended Testing Perinatal Guidelines

Canadian Blood Services provides screening of pregnant women for blood type and red blood cell antibodies under a program funded by BC Ministry of Health. This screening provides information to assist physicians, midwives and nurse practitioners in ensuring the appropriate management of a pregnancy for both the mother and baby.

CLINICAL SCENARIO	SAMPLE SUBMISSION TIMELINES
<p><b><u>First Pregnancy</u></b>            ABO and Rh(D) typing            Red Cell Antibody Screen</p>	<p>Initial visit (usually during first trimester)            and at 26-28 weeks gestation</p>
<p><b><u>Rh positive – previous report on file – antibody screen negative</u></b>            ABO and Rh(D) typing            Red Cell Antibody Screen</p>	<p>Initial visit (usually during first trimester)</p>
<p><b><u>Rh negative – antibody screen negative</u></b>            ABO and Rh(D) typing            Red Cell Antibody Screen</p>	<p>Initial visit (usually during first trimester)            and at 26-28 weeks gestation (sample to be collected prior to RhIG injection)</p>
<p><b><u>Mothers with clinically significant antibodies detected</u></b>            ABO and Rh(D) typing            Red Cell Antibody identification / exclusions            Titration</p>	<p>Maternal specimens are requested monthly for antibody titration and exclusion of other clinically significant antibodies.</p>
<p><b><u>Mothers who have clinically significant antibodies with critical titres</u></b>            ABO and Rh(D) typing            Red Cell Antibody identification / exclusions</p>	<p>A clinically significant antibody will no longer be titered monthly once it has reached a critical value of '16'.            If the clinically significant antibody identified is anti-K, titration is not required. Detection of anti-K is a critical result regardless of titre.            Maternal specimens will be requested monthly for exclusion of other clinically significant antibodies</p>