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## CHROMOSOME ANALYSIS OF CHORIONIC VILLI

**Synonym(s):** KARYOTYPE CHORIONIC VILLI

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<b>Lab Section Category</b>	<b>Cytogenetics – Prenatal</b> Click here to find out more about the <b>write-up</b> ( <a href="/clinical-departments-centers/pathology/pathology-handbook/lab-discipline-special-instructions/pages/cytogenetics.aspx">/clinical-departments-centers/pathology/pathology-handbook/lab-discipline-special-instructions/pages/cytogenetics.aspx</a> ).
<b>Indications</b>	<ul style="list-style-type: none"> <li>- Advanced maternal age (<math>\geq 35</math> years at EDD)</li> <li>- Abnormal ultrasound findings</li> <li>- Positive maternal serum screening</li> <li>- Previous history of chromosome abnormality</li> <li>- Family history of Down syndrome</li> <li>- Parental anxiety</li> </ul>
<b>Specimen Required</b>	Chorionic villi (10 - 30mg) by transabdominal or transcervical sampling in a sterile tube containing transport medium supplied by our Cytogenetics Laboratory.
<b>Method</b>	<i>In situ</i> coverslip technique
<b>Test Result</b>	Normal or Abnormal. If Abnormal, the karyotypic abnormality is described in accordance to the International System for Human Cytogenomic Nomenclature (ISCN, 2016).
<b>Turnaround Time</b>	8 ~ 14 days
<b>Day(s) Test Set up</b>	Monday - Saturday (office hours)
<b>Remarks</b>	Indicate clearly the clinical indications, gestation age, LMP, EDD and weight of villus samples taken on the cytogenetics request form or CPOE. Do not despatch a specimen near a weekend or a public holiday to avoid unnecessary delays.

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### Change History Notes

- 08 Dec 2015 08:33 AM

Updated Turnaround Time: 8 ~ 14 days

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- **06 Jul 2017 10:52 AM**  
- Updated the test result for ISCN, 2013 to ISCN, 2016
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