

Summary of screening tests

| Test | What does it involve? | DR | FPR | Things to consider |
|---|---|--------|-------|---|
| First Trimester Screen (FTS) | NT US and BW 11 to 13+6 weeks BW at 15 to 20+6 weeks | 78-85% | 3-9% | <ul style="list-style-type: none"> • Aneuploidy risk results available by 12-15 weeks • If you wanted to terminate pregnancy, or do further testing, can do so sooner • Covered by OHIP • Higher false positive rates than IPS <ul style="list-style-type: none"> ◦ results will be confirmed by NIPT or amnio ◦ if FTS is positive, NIPT is covered by OHIP |
| Integrated Pregnancy Screen (IPS) | NT US and BW 11 to 13+6 weeks BW at 15 to 18+6 weeks | 85-90% | 2-4% | <ul style="list-style-type: none"> • Aneuploidy results available at 6-21 weeks • Covered by OHIP • Higher DR and lower FPR than FTS <ul style="list-style-type: none"> ◦ if IPS is positive, NIPT is covered by OHIP ◦ termination of pregnancy harder if abnormality discovered at 20+ weeks |
| Maternal Serum Screen (MSS) | BW at 15 to 20+6 weeks | 75-85% | 5-10% | <ul style="list-style-type: none"> • Lower DR and higher FPR than other tests • Covered by OHIP • Done for people who have missed time window for FTS or IPS |
| Non-Invasive Prenatal Testing (NIPT) | BW after 10-11 weeks | 98-99% | <2% | <ul style="list-style-type: none"> • Must be paid out of pocket (\$500-\$1,200) except in certain circumstances where it is covered by OHIP • An abnormal result with NIPT must be confirmed with amniocentesis |

Abbreviation

What it means

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| BW | Bloodwork |
| NT US | Nuchal Translucency Ultrasound: an ultrasound done at 11 to 13+6 weeks to measure the thickness at the back of the baby's neck |
| DR | Detection Rate: what percentage of true abnormalities will actually be correctly identified |
| FPR | False Positive Rate: chance that the test will say there's a problem, when really the baby is normal |
| NIPT | Non-invasive prenatal testing |

[Adapted from Ontario Ministry of Health and Long Term Care Prenatal Screening Tests for the Detection of Down Syndrome](#)