SELECT SYNDROME SCREEN℠ TEST

Detect additional genetic disorders before embryo transfer[1]

This material is to support the limited release only and will be updated once more data is available.

CooperSurgical®

Unique innovations helping improve success

There are some rare genetic conditions that cannot be detected by standard PGT-A. These include microdeletions and microduplications (tiny missing or extra pieces of DNA), may be linked with pregnancy loss, birth defects and developmental and intellectual disabilities.[2]

Select Syndrome Screen℠ is an optional test from CooperSurgical that looks for 10 specific microdeletion and or microduplication disorders most other tests cannot identify. It works alongside PGT-A to give you:

- ✓ More informed **embryo selection**[1]
- ✓ Deeper insights from **embryo biopsy**[1]
- ✓ Delivering additional **clinical insight**[1]

Early education between patients and clinicians may provide better discussions on reproductive options and potential outcomes.

More detail. More insight.

Exclusively available from CooperSurgical, Select Syndrome Screen offers:

- **More sequencing power** than other generally available PGT-A tests[2]
- **Industry-leading** test resolution
- **Detection** of select critical syndromes
- **A commitment** to continuous innovation

Our test is designed to identify specific *de novo* (e.g., not inherited from either parent) microdeletion and microduplication syndromes that can affect anyone, of any age, going through IVF.[3,4]

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Earlier detection, more informed choices

Identify impacted embryos before transfer.

Combining Select Syndrome Screen with PGT-A before transfer

Test Description	Detects additional genetic disorders[1]
Timing	Before embryo transfer, in addition to your PGT-A test
Choices	Find out early and make informed choices

What conditions does it detect?

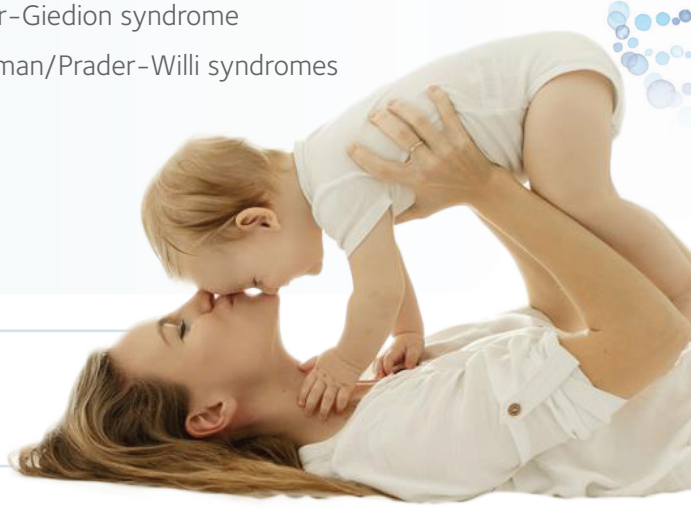
Select Syndrome Screen℠ focuses on 10 impactful genetic disorders that have the potential to significantly affect a child's health or development. [2]

- 22q11.2 Deletion (DiGeorge syndrome)
- 1p36 Deletion syndrome
- Wolf-Hirschhorn syndrome
- Cri du Chat syndrome
- Jacobsen syndrome
- 2q33.1 Deletion syndrome
- Potocki-Lupski syndrome
- Smith-Magenis syndrome
- Langer-Giedion syndrome
- Angelman/Prader-Willi syndromes

How often do these syndromes occur?

1/1000 live births[5]*

*Pre-natal occurrence may be higher



Alongside your standard PGT-A, this test **only screens for these 10 disorders.**

Understanding your results

None Detected ✕

The 10 syndromes were not detected in the embryo sample(s), indicating a reduced risk they are present.

Microdeletion/Microduplication Region Impacted ✓

One or more of the conditions was identified in the embryo sample(s). Your care team will guide you through the next steps.

Non-informative ⊖

A 'non-informative' result does not mean there is a higher risk. It just was not possible to provide a definite answer. A re-biopsy is unlikely to alter the outcome of testing and is therefore not recommended.

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Select Syndrome Screen℠

Speak to Your Clinician Today

Ask your clinician if Select Syndrome Screen is right for you.

Turn the invisible into insight

References

1. Weier, C., *et al.* (2025) PGT-A incorporating sensitive and specific detection of nine recurrent microdeletion and microduplication syndromes using high resolution targeted sequencing [poster presentation]. *PCRS Annual Conference*, 2025.
2. Wetzel, A.S., *et al.* (2022) A comprehensive list of human microdeletion and microduplication syndromes. *BMC Genomic Data*, 23(1), p.82.
3. McKinley Gardner, R.J., *et al.* (2018) Gardner and Sutherland's Chromosome Abnormalities and Genetic Counselling. 5th ed. *Oxford: Oxford University Press.*
4. Larroya, M., *et al.* (2021) Have maternal or paternal ages any impact on the prenatal incidence of genomic copy number variants associated with fetal structural anomalies? *PLoS ONE*, 16(7), p.e0253866.
5. Weier, C. (2025) Select Syndrome Screen(SM) White Paper. CooperSurgical, Inc. Internal publication.

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