

Igenity® Genomic Testing Solutions

Igenity Select

Summary

- Streamlined genomic profile.
- Excellent decision-making tool for the commercial dairy.
- Provides highly reliable results for cost-conscious producers.
- Powered by a low-density chip with custom content.
- Supported by the Council on Dairy Cattle Breeding (CDCB) to give accurate results.

Breeds supported: Holstein, Jersey and Brown Swiss. All breeds must be at least 87% purebred.

Submission information: All information required by the CDCB evaluation must be submitted with each sample. Turnaround time for this profile is approximately 3–4 weeks.

Profile Detail

Results from **Igenity Select** include over 50 traits received from the CDCB evaluation and includes content for coat color, breed composition and genetic conditions.

Igenity Select includes the following traits plus additional add-on content:

Igenity Select

Key Traits

Parentage verification
Net merit
Milk yield
Fat (lbs.)
Protein (lbs.)
Somatic cell score
Productive life (months)
Daughter pregnancy rate
Daughter calving ease*
Igenity performance index (IPI)*
Final score (PTAT)
Genomic future inbreeding

Health Traits

Cow livability
Hypocalcemia (Milk fever)*
Displaced abomasum*
Ketosis*
Mastitis*
Metritis*
Retained placenta*

Yield Traits

Fat (%)
Protein (%)
Cheese merit

Add-on content available with Igenity Select:

- BVD diagnostic testing
- A2 beta casein

*Traits available for Holstein animals, but may not be available for all breeds.

†Traits available for Brown Swiss animals only.

Fluid merit
Grazing merit

Fertility Traits

Sire calving ease*
Heifer conception rate
Cow conception rate
Daughter stillbirth*
Sire stillbirth*
Gestation length
Haplotype status*

Type Traits

Feet/legs composite*
Udder composite*
Stature
Strength
Body depth*
Dairy form
Rump angle
Thurl width
Rear legs side view
Rear legs rear view*
Foot angle
Feet and leg score*
Fore udder attachment
Rear udder height

Rear udder width
Udder cleft
Udder depth
Front teat placement
Rear teat placement*
Teat length

Genetic Conditions

Coat color (including black/red)*
Dominant red coat color*
Haplotype polled
Haplotype brachyspina*
Haplotype CVM*
Haplotype HCD*
BLAD*
DUMPS*
Haplotype mulefoot*
SMA†
SDM†
Weaver†

Breed Composition

Ayrshire %
Brown Swiss %
Guernsey %
Holstein %
Jersey %



Neogen® GeneSeek® Operations • 4131 N. 48th Street, Lincoln, NE 68504
877/IGENITY • genomics.neogen.com • dairygenomics@neogen.com

