

ATTACH THIS COVER SHEET TO ALL ORDERS



How to Order

1. Fill out Section 1 — Customer Information.
2. Proceed to Section 2 — Sample Information and Submission Information. Complete these parts according to the testing required for each sample.
 - a. Part 1 — Igenity Beef Profile submission information.
 - b. Part 2 — Stand-alone genetic conditions submission information.
 - c. Part 3 — SeekSire™ parentage submission information.
3. Proceed to Section 3 — Order summary and Payment Information.
4. Submit order and physical samples to Neogen Canada.

Ship samples to:

Neogen Canada, 7323 Roper Road NW, Edmonton, AB T6E 0W4

Section 1: Customer Information

Producer Information

Operation name: _____ Account number: _____

Producer name: _____

Mailing address: _____ City: _____ Province: _____ Postal code: _____

Phone: _____ Email: _____

Type of operation: Cow/Calf Stocker Feedlot Seedstock Veterinary Club calves

Sales representative: _____

How do you wish to receive your results? Email Mail Encompass E-Z

Who else should receive results (email address): _____

Billing Information

Billing information is the same as producer information

Operation name: _____ Producer name: _____

Mailing address: _____ City: _____ Province: _____ Postal code: _____

Office Use Only

Date received: _____

Billing:

SL order #O: _____

SL invoice #I0: _____

Short pay/over pay + or - : _____

LIMS order _____

Genomics order _____

Completed:



Additional notes/comments:

Igenity results are returned in 21–28 business days from the samples' arrival at Neogen. An electronic order form or online submission will minimize turnaround time.

Section 2: Submission Information

Igenity Beef Profile:

- See order form Part 1: Igenity Profiles.
- Includes DNA ranking for a number of traits in 1–10 scores and parentage verification.

Traits and Conditions:

- See order form Part 2: Traits and Conditions.
- Screen for beneficial and adverse genetic conditions.

Parentage Verification:

- Complete the Parentage Verification Order Form on page 5.
- If using registered sires, contact the relevant breed association for release of parentage markers.
- Parentage verification is included for Igenity Beef. Otherwise, SeekSire Cattle Parentage can be selected if parentage verification is desired.
- If ordering parentage testing, this form must be emailed to DNAhelp@neogen.com.

Operation Name: _____

Part 1: Igenity Profiles

Complete this form and mail it with completed cover sheet, payment, and samples.

The Igenity Beef Profile is designed for use on straightbred and crossbred cattle of Angus, Red Angus, Hereford, Simmental, Gelbvieh, Limousin, Maine-Anjou, Charolais, and Shorthorn breed backgrounds. Use on other breeds, especially those of exotic backgrounds, is less reliable and should only be considered for within-herd comparison. Igenity Envigor measures heterozygosity in crossbred cattle as an indicator of hybrid vigor, and is reported on a 1 (low) to 10 (high) scale. Igenity Feeder includes the Igenity Terminal Index and Days on Feed Index.

Required					Igenity Beef	Igenity Feeder	Add-on to Profiles							
Animal ID or Tattoo Number	Sample Collector Barcode Number	Sample Type (TSU, Hair, Blood, Semen)	Sex (M/F)	Breed			Igenity Envigor	Breedseek	Coat Color	Horned/Polled	Myostatin	Igenity BCHF	BVD PI	SeekSire® Parentage*
Example: 723	000001	TSU	F	AN/HF	✓			✓			✓	✓		
1														
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Igenity Beef Profiles

Maternal Traits

- Birth Weight
- Calving Ease Direct
- Calving Ease Maternal
- Stayability
- Heifer Pregnancy Rate
- Docility
- Milk

Performance Traits

- Residual Feed Intake
- Average Daily Gain
- Weaning Weight
- Yearling Weight
- Scrotal Circumference

Carcass Traits

- Tenderness
- Marbling
- Ribeye Area
- Fat Thickness
- Hot Carcass Weight

Indexes

- Igenity Maternal
- Igenity Production
- Igenity Terminal

Parentage Verification*

- Seeksire (free)

**Potential parents should be listed in Part 3.*

Operation Name: _____

Part 2: Traits and Conditions

Complete this form and mail it with payment and sample collectors.

Animal ID or Tattoo #	Sample Collector Barcode Number	Sex (M/F)	Breed	Igenty Envigor	Igenty BCHF	BVD PI	Tenderness/Leptin	Coat Color	Horned/Polled	Coat Color & Horned/Polled	Myostatin (Double Muscling)	Milk Proteins Panel	See Section 3 for Full Description																												
													AM	CA	CHO	DD	DL	DN	DS	HY	IE	MA	MYO	NH	OH	OS	PHA	TH													
Example: 723	000001	M	AN/ HF			✓	✓			✓																															
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Breed	Abbreviation
Aberdeen Angus	AA
Angus	AN
Ayrshire	AY
Beefmaster	BM
Black Hereford	HB
Bradford	BO
Brahman	BR
Brangus	BN
Braunvieh	BU
Caracu	CR
Charbray	CB
Charolais	CH
Chianina	CA
Composite	CO
Devon	DE
Dexter	DR
Gelbvieh	GV
Guzerá	GZ
Hereford	HF
Limousin	LM
Lowline	LO
Maine-Anjou	MA
Montana	MN
Murray Grey	MG
Nellore	NE
Other	OT
Piedmontese	PI
Red Angus	AR
Salers	SA
Salers (UK)	UC
Santa Gertrudis	SG
Senepol	SE
Shorthorn	SH
Simmental	SM
South Devon	DS
South Devon (UK)	SD
Tabapuã	TB
Tarentaise	TA
Texas Longhorn	TL

Operation Name: _____

Part 3: Parentage Verification

If parentage verification is desired, complete following parent list. Parentage verification is used to verify the parent(s) of an offspring through their DNA. Both Barcode/Case Number¹ and Animal ID² must be provided for all parents used for parentage verification. If a potential parent is registered, their Registration ID should also be provided.

If a potential parent has been tested through a breed association only, please contact that association and request for a release of the parentage markers in writing, including at least 2 IDs included at the time of submission. That release should be sent from the association to DNAhelp@neogen.com.

If a potential parent's sample or DNA is not on file, a new sample must be submitted before parentage verification can be completed. If this is not done prior to the offspring test completion, an additional fee may apply to re-run parentage verification.

¹ Barcode/Case Number can be found on the animal's result certificate.

² Animal ID refers to a visual ear tag or animal name that identifies each animal on the operation and should match the ID that was submitted when the animal was tested.

Sire or Dam	Animal ID	Breed	BarCode/Case ID	Registration Number (If Registered)
Sire	Ex: ABC 123A	AN	NC22BV9876543	56789012
1				
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Operation Name: _____

Part 3: Parentage Verification

Sire or Dam	Animal ID	Breed	BarCode/Case ID	Registration Number (If Registered)
22				
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Operation Name: _____

Part 3: Parentage Verification

Sire or Dam	Animal ID	Breed	BarCode/Case ID	Registration Number (If Registered)
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Operation Name: _____

Part 3: Parentage Verification

Sire or Dam	Animal ID	Breed	BarCode/Case ID	Registration Number (If Registered)
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Operation Name: _____

Section 3: Payment Information

	Description	Stand-alone Pricing	Add-on Pricing	# of Stand-alone Tests	# of Add-on Tests	Sub-total
Part 1: Igenity Profiles	Igenity Beef Profile	\$45.00	—		—	
	Igenity Feeder	\$20.00	—		—	
Part 2: Traits and Conditions	Igenity Envigor	\$35.00	\$8.00			
	BreedSeek AddOn	—	\$5.00	—		
	Coat Color (Black)	\$20.00	\$8.00			
	Horned/Polled	\$38.00	\$28.00			
	Coat Color & Horned/Polled Bundle	\$48.00	—		—	
	Igenity BCHF	\$24.00	\$8.00			
	BVD PI (Tissue, Blood, and Hair Samples Only)	\$7.00	\$7.00			
	Tenderness/Leptin	\$30.00	—		—	
	MYO (Myostatin, Double Muscling)	\$30.00	\$20.00			
	Milk Proteins Panel (A1/A2, Beta — Lactoglobulin, Kappa Casein)	\$25.00	—		—	
	AM (Arthrogryposis Multiplex)	\$30.00	—		—	
	CA (Contractural Arachnodactyly)	\$30.00	—		—	
	CHO (Chondrodysplasia)	\$30.00	—		—	
	DL (Coat Color Dilutor, Simmental and Hereford Variant)	\$30.00	—		—	
	DD (Developmental Duplication)	\$30.00	—		—	
	DS (Digital Subluxation)	\$30.00	—		—	
	DN (Dun Coat Color)	\$30.00	—		—	
	HY (Hypotrichosis)	\$30.00	—		—	
	IE (Idiopathic Epilepsy)	\$30.00	—		—	
	MA (Alpha — Mannosidosis)	\$30.00	—		—	
	NH (Neuropathic Hydrocephalus)	\$30.00	—		—	
	OH (Oculocutaneous Hypopigmentation)	\$30.00	—		—	
	OS (Osteopetrosis)	\$30.00	—		—	
PHA (Pulmonary Hypoplasia w/Anasarca)	\$30.00	—		—		
TH (Tibial Hemimelia)	\$30.00	—		—		
Part 3: Parentage Verification	SeekSire Parentage	\$20.00	Free			
	Hair Carding Fee	\$4.00	—		—	

Total	
Local GST/HST	
Total Due	

*Local GST/HST rate: Local refers to the province of your billing address. 5% in AB, BC, MB, NT, NU, QC, SK, and YT. 13% in ON. 15% in NB, NL, NS, and PE.

Method of Payment

Credit card Cheque (enclosed — payable to Neogen Canada)

Name on card: _____ Card type: Visa Mastercard

Card number: _____ Exp. date: _____ CVV: _____

Signature: _____

