

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](mailto:DNAhelp@neogen.com).

Operation Name: \_\_\_\_\_

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

The Igenity Beef Profile reports 18 key traits, 8 indexes, genomic breed composition, Envigor and SeekSire parentage verification (if appropriate information is provided). This profile is designed for cattle of any combination of Angus, Red Angus, Hereford, Simmental, Limousin, Charoalis, or Gelbvieh descent and cattle <50% indicus influence.

Required					Igenity Beef	Add-on to Profiles					
Animal ID or Tattoo Number	Sample Collector Barcode Number	Sample Type (TSU, Hair, Blood, Semen)	Sex (M/F)	Breed		Coat Color	Horned/Polled	Myostatin	Igenity BCHF	BVD PI	SeekSire <sup>®</sup> Parentage*
Example: 723	000001	TSU	F	AN/HF	✓	✓				✓	✓
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
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17											
18											
19											
20											

**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
- Days on Feed
- Total Cow

**Health**

- Bovine Respiratory Disease

**Sustainability**

- Sustainability Index
- Sustainability Extra Dollars
- Methane Emission Intensity Index

**Parentage Verification\***

- Seeksire (free)

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



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 Number<sup>1</sup> and Animal ID<sup>2</sup> 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.

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

<sup>2</sup> 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				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				

Operation Name: \_\_\_\_\_

**Part 3: Parentage Verification**

Sire or Dam	Animal ID	Breed	BarCode/Case ID	Registration Number (If Registered)
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
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40				
41				
42				
43				
44				
45				
46				
47				
48				

Operation Name: \_\_\_\_\_

**Part 3: Parentage Verification**

Sire or Dam	Animal ID	Breed	BarCode/Case ID	Registration Number (If Registered)
49				
50				
51				
52				
53				
54				
55				
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57				
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71				
72				
73				
74				
75				

Operation Name: \_\_\_\_\_

**Part 3: Parentage Verification**

Sire or Dam	Animal ID	Breed	BarCode/Case ID	Registration Number (If Registered)
76				
77				
78				
79				
80				
81				
82				
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84				
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98				
99				
100				

Operation Name: \_\_\_\_\_

### Section 3: Payment Information

	Description	Stand-alone Pricing	Add-on Pricing	# of Stand-alone Tests	# of Add-on Tests	Sub-total	
<b>Part 1: Igenity Profiles</b>	Igenity Beef Profile	\$45.00	—		—		
	Igenity Envigor	\$35.00	—				
<b>Part 2: Traits and Conditions</b>	BreedSeek	\$36.00	—	—			
	Coat Color (Black)	\$25.00	\$8.00				
	Horned/Polled	\$40.00	\$29.40				
	Coat Color & Horned/Polled Bundle	\$48.00	—		—		
	Igenity BCHF	\$26.00	\$10.50				
	BVD PI (Tissue, Blood, and Hair Samples Only)	\$7.50	\$7.50				
	Tenderness/Leptin	\$33.00	—		—		
	MYO (Myostatin, Double Muscling)	\$33.00	\$21.00				
	AM (Arthrogryposis Multiplex)	\$33.00	—		—		
	CA (Contractural Arachnodactyly)	\$33.00	—		—		
	CHO (Chondrodysplasia)	\$33.00	—		—		
	DL (Coat Color Dilutor, Simmental and Hereford Variant)	\$33.00	—		—		
	DD (Developmental Duplication)	\$33.00	—		—		
	DS (Digital Subluxation)	\$33.00	—		—		
	DN (Dun Coat Color)	\$33.00	—		—		
	HY (Hypotrichosis)	\$33.00	—		—		
	IE (Idiopathic Epilepsy)	\$33.00	—		—		
	MA (Alpha — Mannosidosis)	\$33.00	—		—		
	NH (Neuropathic Hydrocephalus)	\$33.00	—		—		
	OH (Oculocutaneous Hypopigmentation)	\$33.00	—		—		
	OS (Osteopetrosis)	\$33.00	—		—		
	PHA (Pulmonary Hypoplasia w/Anasarca)	\$33.00	—		—		
	TH (Tibial Hemimelia)	\$33.00	—		—		
	<b>Part 3: Parentage Verification</b>	SeekSire Parentage	\$20.00	Free			
		Hair Carding Fee	\$4.00	—		—	

Total	
Local GST/HST	
<b>Total Due</b>	

\*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: \_\_\_\_\_

