

# Igenity<sup>®</sup> Beef Order Form

Neogen<sup>®</sup> Canada — 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<sup>™</sup> parentage submission information.
3. Proceed to Section 3 — Order summary and billing 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 dashboard

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:



# Igenity Beef Order Form

*For Beef Cattle*

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 includes parentage verification.

### **Traits and Conditions:**

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

### **Parentage Verification:**

- See order form Part 3: Parentage Testing to outline breeding groups.
- If using registered sires, contact the relevant breed association for release of parentage markers.
- If ordering parentage testing, this form must be emailed to [neogencanada@neogen.com](mailto:neogencanada@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 used 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	Coat Color	Horned/Polled	Myostatin	Igenity BCHF	BVD PI	SeekSire® Parentage*
Example: 723	000001	TSU	F	AN/HF	✓		✓				✓	✓	
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
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

**Parentage\***

- Seeksire (free)

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





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

**Part 3: Parentage Testing–Sire Breeding Groups**

Sire Animal ID or Tattoo Number	Breed	Neogen Case ID (If Previously Tested)	Registration Number (If Registered)	Parent Genotype on File?	Breeding Group Name
Ex: ABC 123A	AN	NC22BV9876543	56789012	Sire Genotype on File	2022 Breeding Bulls
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

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

**Part 3: Parentage Testing–Dam Breeding Groups**

Dam Animal ID or Tattoo Number	Breed	Neogen Case ID (If Previously Tested)	Registration Number (If Registered)	Parent Genotype on File?	Breeding Group Name
ABC 321A	AN/SM			Dam Sample Included in Sub.	2022 Breeding Cows
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

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 Feeder	\$20.00	—		—	
<b>Part 2: Traits and Conditions</b>	Igenity Envigor	\$35.00	\$8.00			
	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 (Arthrogyrosis 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 (Hypotrychosis)	\$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	—		—		
<b>Part 3: Parentage</b>	SeekSire Parentage	\$20.00	Free			
	Hair Carding Fee	\$4.00	—		—	

\*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.

Total	
Local GST/HST	
Total Due	

#### Method of Payment

Credit card  Cheque (enclosed — payable to Neogen Canada)

Name on card: \_\_\_\_\_ Card type:  Visa  Mastercard

Card number: \_\_\_\_\_ Exp. date: \_\_\_\_\_ CWV: \_\_\_\_\_

Signature: \_\_\_\_\_

