

# IGENITY BEEF ORDER FORM

NEOGEN CANADA - ATTACH THIS COVER SHEET TO ALL ORDERS



## HOW TO ORDER:

### STEP 1: IGENITY PROFILES

- DNA ranking of 16 traits in 1–10 scores
- Parentage included (Free)
- Increase rate of genetic gain in your herd

### STEP 2: GENETIC CONDITION TESTING

- Screen for beneficial and adverse genetic conditions
- Identify sires/dams carrying these traits
- Genetic screening of commercial breeding stock

### STEP 3: RESULTS

Igenity® results are returned in 21–28 business days from the samples' arrival at NEOGEN®. An electronic order form will minimize turnaround time. Results may be viewed online on the Igenity Beef Dashboard ([igenitybeefdashboard.com](http://igenitybeefdashboard.com)).

To learn more about using your test results, contact your NEOGEN beef genomics territory manager at [nwestersund@NEOGEN.com](mailto:nwestersund@NEOGEN.com) or call us toll free at 1.855.324.9774

How do you wish to receive your results?

☐ Email ☐ Mail ☐ Igenity Beef Dashboard

Who else should receive results (Email address)

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### REFERRALS

*I was referred to NEOGEN Canada by:*

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

Account Number (if known): \_\_\_\_\_

Note: NEOGEN Canada's referral program is only applicable for operations in Canada.

### COMMENTS/ADDITIONAL INFORMATION

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### PRODUCER INFORMATION (REQUIRED):

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

Account Number (if known): \_\_\_\_\_

Producer Name: \_\_\_\_\_

Address: \_\_\_\_\_

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City: \_\_\_\_\_

Province: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Type of Operation:

☐ Cow Calf ☐ Seedstock ☐ Club Calves  
☐ Stocker ☐ Feedlot ☐ Veterinary



OPERATION NAME: \_\_\_\_\_

**STEP ONE: ORDER 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, 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 Angus Gold is intended for cattle 75% or more Angus. Igenity Envigor measures heterozygosity in crossbred cattle as an indicator of hybrid vigor, and is reported on a 1 (low) to 10 (high) scale.

REQUIRED					Igenity Beef	Igenity Angus Gold	ADD TO PROFILES					Potential sires or pasture/breeding group
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	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												
13												
14												
15												
16												
17												
18												
19												
20												

Breed	Abbreviation
Aberdeen Angus	AA
Angus	AN
Black Hereford	HB
Braunvieh	BU
Charolais	CH
Composite	CO
Gelbvieh	GV
Hereford	HF
Limousin	LM
Lowline	LO
Maine-Anjou	MA
Murray Grey	MG
Other	OT
Red Angus	AR
Salers	SA
Salers (UK)	UC
Shorthorn	SH
Simmental	SM

OPERATION NAME: \_\_\_\_\_

## IGENITY PROFILES TALLY SHEET

### SAMPLE SUBMISSION:

Complete this form and mail it with completed coversheet, payment and samples to:

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

### METHOD OF PAYMENT:

☐ Cheque (Enclosed - payable to NEOGEN) Cheque # \_\_\_\_\_

Credit Card: ☐ Mastercard ☐ Visa

Card Number: \_\_\_\_\_

Security Code: \_\_\_\_\_ Exp. Date: \_\_\_\_ / \_\_\_\_ (MM/YYYY)

Name On Card: \_\_\_\_\_

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

### OFFICE USE ONLY

Date Received: \_\_\_\_\_

Billing:

SL Order # O: \_\_\_\_\_

SL Invoice # IO: \_\_\_\_\_

Short Pay/Over Pay + or - : \_\_\_\_\_

LIMS Order \_\_\_\_\_

Genomics Order \_\_\_\_\_

Completed:

Results Reported: Profile \_\_\_\_\_ Parentage \_\_\_\_\_  
CC/HP \_\_\_\_\_ BVD \_\_\_\_\_

	Test Options	Price*	X	Qty	=	Total \$
Igenity Profiles	<b>IGENITY BEEF PROFILE</b>  <div> <b>Maternal Traits</b> <ul style="list-style-type: none"> <li>• Birth Weight</li> <li>• Calving Ease Direct</li> <li>• Calving Ease Maternal</li> <li>• Stayability</li> <li>• Heifer Pregnancy Rate</li> <li>• Docility</li> <li>• Milk</li> </ul> </div> <div> <b>Performance Traits</b> <ul style="list-style-type: none"> <li>• Residual Feed Intake</li> <li>• Average Daily Gain</li> <li>• Weaning Weight</li> <li>• Yearling Weight</li> </ul> </div> <div> <b>Carcass Traits</b> <ul style="list-style-type: none"> <li>• Tenderness</li> <li>• Marbling</li> <li>• Ribeye Area</li> <li>• Fat Thickness</li> <li>• Hot Carcass Weight</li> </ul> </div> <div> <b>Indexes</b> <ul style="list-style-type: none"> <li>• Igenity Production</li> <li>• Igenity Maternal</li> </ul> </div> <div> <b>Parentage</b> <ul style="list-style-type: none"> <li>• SeekSire (free)</li> </ul> </div>	\$45.00	X	_____	=	_____
	<b>IGENITY ANGUS GOLD</b>  <div> <b>Maternal Traits</b> <ul style="list-style-type: none"> <li>• Birth Weight</li> <li>• Calving Ease Direct</li> <li>• Calving Ease Maternal</li> <li>• Heifer Pregnancy Rate</li> <li>• Docility</li> <li>• Milk</li> <li>• Mature Weight</li> </ul> </div> <div> <b>Performance Traits</b> <ul style="list-style-type: none"> <li>• Average Daily Gain</li> <li>• Residual Average Daily Gain</li> <li>• Weaning Weight</li> </ul> </div> <div> <b>Carcass Traits</b> <ul style="list-style-type: none"> <li>• Tenderness</li> <li>• Marbling</li> <li>• Ribeye Area</li> <li>• Fat Thickness</li> <li>• Carcass Weight</li> </ul> </div> <div> <b>Index</b> <ul style="list-style-type: none"> <li>• Angus Igenity Production</li> </ul> </div> <div> <b>Parentage</b> <ul style="list-style-type: none"> <li>• SeekSire (free)</li> </ul> </div>	\$45.00	X	_____	=	_____
Add on to profiles	<b>ADD BVD-PI TO PROFILE</b>	\$5.00	X	_____	=	_____
	<b>ADD HOMOZYGOUS BLACK COAT COLOR TO PROFILE</b>	\$5.00	X	_____	=	_____
	<b>ADD HORNED/POLLED TO PROFILE</b>	\$25.00	X	_____	=	_____
	<b>ADD MYOSTATIN (DOUBLE MUSCLING) TO PROFILE</b>	\$15.00	X	_____	=	_____
	<b>IGENITY ENVIGOR</b>	\$8.00	X	_____	=	_____
	<b>SEEKSIRE PARENTAGE</b>	\$0.00	X	_____	=	_____
Sample Kits	<b>ALLFLEX TSU COLLECTION SYSTEM, HAIR CARDS, BLOOD CARDS</b>					
	<b>ALLFLEX TSU APPLICATOR</b>	\$45.00	X	_____	=	_____
	<b>ALLFLEX TSUS (Pack of 10)</b>	\$25.00	X	_____	=	_____
	<b>BLOOD CARDS (Minimum order of 10)</b>	\$0.25/ea.	X	_____	=	_____
	<b>HAIR CARDS (Minimum order of 10)</b>	\$0.50/ea.	X	_____	=	_____
Sample Handling	<b>HAIR PROCESSING FEE</b> Any hair samples received at the lab not on a hair card will be transferred to a hair card by laboratory personnel.	\$4.00/ea.	X	_____	=	_____

Prices are subject to change without notice.

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

**Total**  
**Local GST/HST\*\***  
**Total Due \$**

OPERATION NAME: \_\_\_\_\_

## STEP TWO: ORDER GENETIC TESTING

COMPLETE THIS FORM AND MAIL IT WITH PAYMENT AND SAMPLE COLLECTORS.

[illegible]

Breed	Abbreviation
Aberdeen Angus	AA
Angus	AN
Ayrshire	AY
Beefmaster	BM
Black Hereford	HB
Bradford	BO
Brahman	BR
Bragus	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: \_\_\_\_\_

GENETIC TESTING TALLY SHEET

Test Options			Price*	X	Qty	=	Total \$
Parentage and Genetic Conditions	<i>Parentage testing and genetic tests are for private use only and not intended for any association or registry.</i>						
	<b>SEEKSIRE™ PARENTAGE</b>		\$19.00	X	_____	=	_____
	<b>MICROSATELLITE/STR PARENTAGE</b>		\$20.00	X	_____	=	_____
	<b>IGENITY ENVIGOR</b> <i>Measures heterozygosity in crossbred cattle as an indication of hybrid vigor. Reported on a 1 (low) to 10 (high) scale.</i>		\$35.00	X	_____	=	_____
	<b>GENETIC ABNORMALITIES AND CONDITIONS:</b>						
	Alpha-mannosidosis (MA) _____ x \$25	Developmental Duplication (DD) _____ x \$25	Neuropathic Hydrocephalus (NH) _____ x \$25				
	Arthrogryposis Multiplex (AM) _____ x \$25	Digital Subluxation (DS) _____ x \$25	Oculocutaneous Hypopigmentation (OH) _____ x \$25				
	Chondrodysplasia (CHO) _____ x \$25	Dun Coat Color (DN)) _____ x \$25	Osteopetrosis (OS) _____ x \$25				
	Coat Color Dilutor (DL) _____ x \$25	Hypotrichosis (HY) _____ x \$25	Pulmonary Hypoplasia w/ Anasarca (PHA) _____ x \$25				
	(Simmental and Hereford variant)	Idiopathic Epilepsy (IE) _____ x \$25	Tibial Hemimelia (TH) _____ x \$25				
	Contractural Arachnodactyly (CA) _____ x \$25	Myostatin (MYO) _____ x \$25					
			\$25.00	X	_____	=	_____
	<b>BVD PI</b> <i>(Available for tissue, blood or hair samples only)</i>		\$6.00	X	_____	=	_____
	<b>TENDERNESS/LEPTIN</b>		\$25.00	X	_____	=	_____
Sample Kits	<b>COAT COLOR</b>		\$17.00	X	_____	=	_____
	<b>HORNED/POLLED</b>		\$32.00	X	_____	=	_____
	<b>COAT COLOR PLUS HORNED/POLLED</b>		\$42.00	X	_____	=	_____
	<b>MILK PROTEINS PANEL</b> <i>(A1/A2, Beta-Lactoglobulin, Kappa Casein)</i>		\$25.00	X	_____	=	_____
	<b>ALLFLEX TSU COLLECTION SYSTEM, HAIR CARDS, BLOOD CARDS</b>		You may purchase these items on page 3 of this order form or simply call us toll free at 1.855.324.9774				
Sample Handling	<b>HAIR PROCESSING FEE</b> Any hair samples received at the lab not on a hair card will be transferred to a hair card by laboratory personnel.		\$4.00/ea.	X	_____	=	_____

\*Prices are subject to change without notice.

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

**Total**  
**Local GST/HST\*\***  
**Total Due \$**

**SAMPLE SUBMISSION:**

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

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

**OFFICE USE ONLY**

Date Received: \_\_\_\_\_

Billing:

SL Order # O: \_\_\_\_\_

SL Invoice # IO: \_\_\_\_\_

Short Pay/Over Pay + or - : \_\_\_\_\_

LIMS Order \_\_\_\_\_

Genomics Order \_\_\_\_\_

Completed:

Results Reported: \_\_\_\_\_

**METHOD OF PAYMENT:**

☐ Cheque *(Enclosed - payable to NEOGEN)* Cheque # \_\_\_\_\_

Credit Card: ☐ Mastercard ☐ Visa

Card Number: \_\_\_\_\_

Security Code: \_\_\_\_\_ Exp. Date: \_\_\_\_ / \_\_\_\_ (MM/YYYY)

Name On Card: \_\_\_\_\_

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

# NEOGEN TERMS AND CONDITIONS

These terms and conditions contained herein govern the order of testing services from NEOGEN (“NEOGEN”) and any customer (hereinafter referred to as “CLIENT”).

1. **Acknowledgment and Acceptance** Please read the following terms of the agreement carefully. By completing the order form, CLIENT hereby agrees to all of the terms and conditions set forth in the order form, including all warranty disclaimers and limitations of liability. Acceptance of services shall be deemed agreement to these terms and conditions. No document issued by CLIENT attempting to negate or otherwise modify the terms hereof, including any purchase order or request for proposal, shall be binding upon NEOGEN, and instead the foregoing terms and conditions shall exclusively govern the provision of services to CLIENT by NEOGEN.
2. **Provision of Services** NEOGEN provides testing services in accordance with the specifics of those tests selected on the order form. If, after delivery and inspection, CLIENT determines that the services do not conform to the tests CLIENT selected and are, therefore, unacceptable, please notify us immediately. NEOGEN will either re-perform the services, or issue a credit therefore, at our option.
3. **Warranty or Representation Disclaimers** NEOGEN disclaims and excludes all warranties or representation of any kind, either express, implied or statutory, with respect to its services, including the implied warranties of merchantability, fitness for a particular purpose, non-infringement of a patent, trademark or other intellectual property rights, or warranties arising by course of dealings or custom of trade. CLIENT hereby expressly understands that the testing services provided hereunder have an inherent potential for error and that NEOGEN makes no representation that its testing services will be accurate, complete, or error-free.
4. **Limitation of Liability** Except as aforementioned, NEOGEN will not be liable for any causes of action or damages whether based on contract, tort, or any other legal theory, including any indirect, consequential (including lost profits and lost business opportunities), special, exemplary, or punitive damages, arising out of the performance of services even if advised of the possibility of such damages. Included within the scope of this limitation of liability are damages arising from the acts or negligence on the part of NEOGEN, its agents or employees in performing its services. CLIENT agrees that NEOGEN's cumulative liability for the services performed will not exceed the amount paid by CLIENT for those services. The remedies set forth herein constitute CLIENT exclusive remedies against NEOGEN for services performed.
5. **Customer Representations and Warranties** CLIENT hereby represents and warrants that (1) any testing samples will be or are properly taken and collected, (2) that any such samples will be or are properly recorded or labeled, and (3) that any such samples will be or are handled, shipped and packaged appropriately. CLIENT is responsible for taking all precautions CLIENT believes necessary or advisable to protect any sample sent to NEOGEN against damage, loss or hazard.

## 6. Indemnity

- (a) **NEOGEN Indemnification.** NEOGEN shall indemnify, defend and hold harmless CLIENT and its members, shareholders, agents, directors, officers, and employees (collectively, the “CLIENT Indemnitees”) from and against all liability, damage, loss, claims, demands, actions and expenses of any nature whatsoever including, but not limited to, reasonable attorney's fees and expenses, which arise out of or are connected with (i) any grossly negligent act or omission, willful misconduct or violation of law by NEOGEN, or its employees which relates in any manner to the Services or (ii) any material breach of any obligations of NEOGEN as set forth in these Terms and Conditions.
  - (b) **CLIENT Indemnification.** CLIENT, on behalf of itself and its employees, shall indemnify, defend and hold harmless NEOGEN and its shareholders, directors, officers, and employees from and against all liability, damage, loss, claims, demands, actions and expenses which arise out of or are connected with (i) any negligent act or omission, willful misconduct or violation of law or (ii) any breach of any obligation of CLIENT as set forth in this document
7. **Limits of Testing Services** CLIENT agrees that the testing services provided by NEOGEN are not intended for use in human or clinical diagnostics but are for informational purposes only.
  8. **Entire Agreement** These terms and conditions form an appendix to any primary agreement (AGREEMENT) between NEOGEN and CLIENT applicable to NEOGEN'S services. These terms and conditions may not be amended or supplemented by CLIENT without prior written consent from NEOGEN.
  9. **Severability** If any of the provisions of these terms and conditions shall be held by a court of competent jurisdiction to be contrary to law, the remaining provisions for this Agreement shall remain in full force and effect to the fullest extent of the law.
  10. **Successors and Assigns** These terms and conditions shall be binding upon and shall inure to the benefit of the parties hereto and their respective heirs, legatees, devisees, personal representatives, successors and assigns.
  11. **Survival** The provisions of Sections 5 and 6 of these terms and conditions shall survive the completion and payment of the services provided hereunder.
  12. **Governing Law** The terms and conditions hereunder shall be governed by the laws of the State of Michigan, without giving effect to its principles of conflicts of law, and the parties hereby irrevocably commit to the jurisdiction and venue of the courts of Michigan to adjudicate any dispute arising hereunder or relating hereto.