

How to Order:

1 Igenity Profiles (pages 3–4)

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

2 Bull Battery Testing (pages 5–6)

- Bull DNA is required for calf parentage validation
- Use bull battery form to submit bull DNA for future parentage testing

3 Genetic Condition Testing (pages 7–8)

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

To learn more about using your test results, contact your Neogen beef genomics territory manager at cgans@neogen.com or call us at 780-492-2538.

4 Results:

Igenity results are returned in 21–28 business days from the samples' arrival at Neogen®. An electronic order form will minimize turn around time.

Results may be viewed online on the Igenity Beef Dashboard (igenitybeefdashboard.com).

How do you wish to receive your results?

- Email Mail Igenity beef dashboard

Who else should receive results (Email address)

Comments/Additional information

Complete this required form and send it in with completed, tallied order forms and DNA samples.

Producer Information (Required):

Name of Operation: _____

Account Number (if known): _____

Producer Name: _____

Address: _____

City: _____

State/Prov: _____ Zip/Postal Code: _____

Phone: _____

Email: _____

Type of Operation*: Cow Calf Seedstock Club Calves

*Required Stocker Feed Lot Veterinary

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

An electronic version of this form is available at order.igenity.com.

The NEW Igenity Beef Profile replaces Igenity Gold/Silver and was designed for use on straightbred and crossbred cattle with Angus, Red Angus, Hereford, Simmental, Gelbvieh and Limousin breed backgrounds. Use on other breeds, especially those of exotic backgrounds, is less reliable and should be used only for within-herd comparison. For advice, contact your territory manager. Igenity Angus Gold is intended for cattle 75% or more Angus.

REQUIRED					Igenity Beef	Igenity Angus Gold	Coat Colour	Horned/Polled	Myostatin (Double Muscling)	BVD PI	SeekSire® Parentage	Potential sires or pasture/breeding group (see pages 5–6)
Animal ID or Tattoo Number	Sample Collector Barcode Number	Sample Type (TSU, Hair, Blood, Semen)	Sex (M/F)	Breed								
Example: 723	000001		F	AN/HF	✓					✓	✓	
1												
2												
3												
4												
5												
6												
7												
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10												
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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

	Test Options	Price*	X	Qty	=	Total \$
Available profiles	Igenity Beef Profile 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 Carcass Traits • Tenderness • Marbling • Ribeye Area • Fat Thickness • Hot Carcass Weight Indexes • Igenity Production • Igenity Maternal Parentage • SeekSire (free)	\$45.00	X	_____	=	_____
	Igenity Angus Gold Maternal Traits • Birth Weight • Calving Ease Direct • Calving Ease Maternal • Heifer Pregnancy Rate • Docility • Milk • Mature Weight Performance Traits • Average Daily Gain • Residual Average Daily Gain • Weaning Weight Carcass Traits • Tenderness • Marbling • Ribeye Area • Fat Thickness • Carcass Weight Index • Angus Igenity Production Parentage • SeekSire (free)	\$45.00	X	_____	=	_____
Add on to profiles	Add BVD-PI to Profile	\$5.00	X	_____	=	_____
	Add Homozygous Black Coat Colour to Profile	\$5.00	X	_____	=	_____
	Add Horned/Polled to Profile	\$25.00	X	_____	=	_____
	Add Myostatin (Double Muscling) to Profile	\$15.00	X	_____	=	_____
Sample Kits	Allflex TSU Collection System, Hair Cards, Blood Cards					
	Allflex TSU Applicator	\$45.00	X	_____	=	_____
	Allflex TSUs (Pack of 10)	\$25.00	X	_____	=	_____
	Blood Cards (minimum order of 10)	\$0.25/ea.	X	_____	=	_____
	Hair Cards (minimum order of 10)	\$0.50/ea.	X	_____	=	_____
						Total
						GST (5%)
						Total Due \$

Prices are subject to change without notice.

If you are a tax-exempt organization, please fax an exemption certificate to Neogen Accounts Receivable at 517-372-0567.

Method of Payment:

Cheque (Enclosed - payable to Neogen Canada) 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 # 0: _____

SL Invoice # 10: _____

Short Pay/Over Pay + or - : _____

LIMS Order _____

Genomics Order _____

Completed:

Results Reported: Profile _____ Parentage _____
CC/HP _____ BVD _____

Sample Submission:

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

Neogen Canada
4244-10230 Jasper Avenue
Edmonton, AB TSJ 4P6

Bull Battery Chute Sheet

This form is used to get bull DNA on file for calf parentage testing. If using registered sires, contact the relevant breed association for release of parentage markers. Indicate sample type (Allflex, TSU, hair, blood card, semen) and choose product. Product option details on next page.

Required information			(select only one) Product order (see next page)		Optional information		
Visual ID or Sire ID Number	DNA Sample ID/TSU Number	Sample Type (TSU, Hair, Blood, Semen)	SeekSire (\$18)	Igenity Beef (\$45)	Pasture Group	Breed Association	Registration Number
1							
2							
3							
4							
5							
6							
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Operation Name: _____

Bull Chute DNA Testing Tally Sheet
(Total your order below)

	Price x Qty	Total \$				
SeekSire™ (Parentage Markers Only) • SeekSire reports the necessary parentage markers required for national and international parentage. • Bull parentage markers needed for parentage and only required once.	\$18 X ____					
Igenity Beef Profile (Also Includes Parentage Markers) • Igenity Beef includes SeekSire markers plus profiles the traits listed below for straightbred or crossbred cattle. <table border="0"> <tr> <td> Maternal Traits • Birth Weight • Calving Ease Direct • Calving Ease Maternal • Stayability • Heifer Pregnancy Rate • Docility • Milk </td> <td> Production traits • Average Daily Gain • Residual Feed Intake • Weaning Weight • Yearling Weight </td> <td> Carcass traits • Tenderness • Marbling • Ribeye Area • Fat Thickness • Carcass Weight </td> <td> Indexes • Igenity Production Index • Igenity Maternal Index Parentage Markers* • SeekSire (free) </td> </tr> </table>	Maternal Traits • Birth Weight • Calving Ease Direct • Calving Ease Maternal • Stayability • Heifer Pregnancy Rate • Docility • Milk	Production traits • Average Daily Gain • Residual Feed Intake • Weaning Weight • Yearling Weight	Carcass traits • Tenderness • Marbling • Ribeye Area • Fat Thickness • Carcass Weight	Indexes • Igenity Production Index • Igenity Maternal Index Parentage Markers* • SeekSire (free)	\$45 X ____	
Maternal Traits • Birth Weight • Calving Ease Direct • Calving Ease Maternal • Stayability • Heifer Pregnancy Rate • Docility • Milk	Production traits • Average Daily Gain • Residual Feed Intake • Weaning Weight • Yearling Weight	Carcass traits • Tenderness • Marbling • Ribeye Area • Fat Thickness • Carcass Weight	Indexes • Igenity Production Index • Igenity Maternal Index Parentage Markers* • SeekSire (free)			
	Total					
	GST (5%)					
	Total Due					

Prices are subject to change without notice.

*Bull DNA and IDs needed for calf parentage.

If you are a tax-exempt organization, please fax an exception certificate to Neogen Accounts Receivable at 517-372-0567.

Method of Payment:

Cheque (Enclosed - payable to Neogen Canada) Cheque # _____

Credit Card: Mastercard Visa

Card Number: _____

Security Code: _____ Exp. Date: ____ / ____ (MM/YYYY)

Name On Card: _____

Signature: _____

Account # (if known): _____

Office Use Only

Date Received: _____

Billing: SL Order # O: _____

SL Invoice # IO: _____

Short Pay/Over Pay + or - : _____

LIMS: _____

Genomics: _____

Completed:

Results Reported: Profile _____ Parentage _____

These tests are not a replacement for breed association services.

Optional information: If you group multiple bulls with cows in pasture or breeding groups, that information is useful in validating parentage of calves that were born to cows in that group. Designating that information here and marking your bull battery chute sheet with that information will result in more efficient parentage determination and faster turn-around of testing results.

The Igenity Beef Profile was designed for use on straightbred and crossbred cattle with Angus, Red Angus, Hereford, Simmental, Gelbvieh and Limousin breed backgrounds. Use on other breeds, especially those of exotic backgrounds, is less reliable and should be used only for within-herd comparison. For advice, contact your territory manager. Igenity Angus Gold is intended for cattle 75% or more Angus.

Names of your Pasture or Breeding groups	

Sample Submission:

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

**Neogen Canada, 4244-10230 Jasper Avenue,
Edmonton, AB T5J 4P6**

Test Options		Price*	X	Qty	=	Total \$	
Parentage testing and genetic tests are for private use only and not intended for any association or registry.							
SeekSire™ Parentage		\$18.00	X	_____	=	_____	
Microsatellite/STR Parentage		\$20.00	X	_____	=	_____	
Envigour HX™ (includes parentage, breed composition, and vigour score)		\$35.00	X	_____	=	_____	
Genetic Abnormalities and Conditions							
Alpha-mannosidosis (MA) _____ x \$25	Developmental Duplication (DD) _____ x \$25	Neuropathic Hydrocephalus (NH) _____ x \$25					
Arthrogyrosis Multiplex (AM) _____ x \$25	Digital Subluxation (DS) _____ x \$25	Oculocutaneous Hypopigmentation (OH) _____ x \$25					
Chondrodysplasia (CHO) _____ x \$25	Dun Coat Colour (DN)) _____ x \$25	Osteopetrosis (OS) _____ x \$25					
Coat Colour Dilutor (DL) _____ x \$25 <i>(Simmental and Hereford variant)</i>	Hypotrichosis (HY) _____ x \$25	Pulmonary Hypoplasia w/ Anasarca (PHA) _____ x \$25					
	Idiopathic Epilepsy (IE) _____ x \$25	Tibial Hemimelia (TH) _____ x \$25					
Contractural Arachnodactyly (CA) _____ x \$25	Myostatin (MYO) _____ x \$25	Tenderness (TE) _____ x \$25					
			\$25.00	X	_____	=	_____
BVD PI (Available for tissue, blood or hair samples only)		\$6.00	X	_____	=	_____	
Leptin		\$15.00	X	_____	=	_____	
Coat Colour		\$17.00	X	_____	=	_____	
Horned/Polled		\$32.00	X	_____	=	_____	
Coat Colour Plus Horned/Polled		\$42.00	X	_____	=	_____	
Coat Colour Plus Horned/Polled Plus Myostatin (Double Muscling)		\$60.00	X	_____	=	_____	
Milk Proteins Panel (A1/A2, Beta-Lactoglobulin, Kappa Casein)		\$60.00	X	_____	=	_____	
Sample Kits		Allflex TSU Collection System, Hair Cards, Blood Cards					
						You may purchase these items on page 3 of the order form, or simply call us at 780-492-2538	

*Prices are subject to change without notice.

If you are a tax-exempt organization, please fax an exception certificate to Neogen Accounts Receivable at 517-372-0567.

Office Use Only

Date Received: _____
 Billing: SL Order # 0: _____
 SL Invoice # 10: _____
 Short Pay/Over Pay + or - : _____
 LIMS Order _____
 Genomics Order _____

Completed:

Results Reported: _____

Order forms available online at order.igenity.com

Method of Payment:

Cheque (Enclosed - payable to Neogen Canada) Cheque # _____

Credit Card: Mastercard Visa

Card Number: _____

Security Code: _____ Exp. Date: _____ / _____ (MM/YYYY)

Name On Card: _____

Signature: _____

Sample Submission:

Complete this form and mail it with completed coversheet, payment, and samples to:
Neogen Canada, 4244-10230 Jasper Avenue, Edmonton, AB T5J 4P6

Total	_____
GST (5%)	_____
Total Due \$	_____

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 these Terms and Conditions.
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.



Neogen Canada
4244-10230 Jasper Avenue
Edmonton, AB T5J 4P6

