

Cattle Genotyping Application Form Entry Guide

1. Fill in your contact details at the top of the form

Neogen Australasia Cattle Genotyping Application Form														
Name: John & Jane Smith				Address samples for DNA Typing to:										
Address: 123 Cow Lane COWTOWN Q 4123				Neogen Australasia PO Box 1388 UQ Gatton Campus Gatton QLD 4343										
Breed: YOUR BREED		Herd Prefix: SMI		gaa-lab@neogen.com										
Date: 17-05-18		ABN:												
Ph:		Mobile: 0412 345 678												
Email: thesmiths@gmail.com														
Payment will be made via				For Terms and Conditions please visit our website: genomics.neogen.com/au										
Association or Society Account:		please contact your society for the customised submission form (contains all relevant tests for your breed)												
Invoice, Bill To:		insert billing details (company name, address, primary contact - if different from contact details listed above)										PO Reference: n/a		
EMAIL AN ELECTRONIC COPY OF THIS FORM TO gaa-lab@neogen.com WHEN SUBMITTING YOUR SAMPLES FOR ANALYSIS. SEND A HARD COPY WITH YOUR SAMPLES. SAMPLES THAT ARE RECEIVED WITHOUT THE RELEVANT HARD COPY AND ELECTRONIC FILE WILL NOT BE PROCESSED. *Please refer to the RED instructions tab (below left) for further details and clarification*														
CASE NUMBER	Collector Barcode (from Hair Card or TSU)	Animal ID	Registration	EID	Sex	D.O.B.	TEST 1	TEST 2	TEST 3	POLL Phenotype	SIRE CASE NUMBER or Barcode	SIRE REGO / IDENT	DAM CASE NUMBER or Barcode	DAM REGO / IDENT

At NAA, we use this information to:

- a) Ensure that the order is entered with your name as a reference for tracking and traceability
- b) Provide this information back to your society on their regular invoice for their billing purposes
- c) Contact you if there are any issues

Entering a PO (purchase order) reference is optional, please leave blank or list as n/a if this is not applicable to your operation.

2. Enter your animals' details

Test codes are available by drop down menu:

CASE NUMBER	Collector Barcode (from Hair Card or TSU)	Animal ID	Registration	EID	Sex	D.O.B.	TEST 1	TEST 2
1		DAISY THE COW	SMI123		F	01-01-17		
2								

CASE NUMBER	Collector Barcode (from Hair Card or TSU)	Animal ID	Registration	EID	Sex	D.O.B.	TEST 1	TEST 2
1		DAISY THE COW	SMI123		F	01-01-17		
2								
3								

A short description of each available test is listed on the right-hand side of the form (note: breed bundle composition is different for each breed; your breed society form will list the details of the bundle/s available to your breed):

AM REGO / IDENT	Test Request	Service Description
	MiP**	Microsatellite Profile
	MiP+PV**	Microsatellite Profile + Parentage
	SeekSire	*500 SNP
	SeekSire+PV	*500 SNP + Parentage
	COAT	Red/black coat colour
	MSTN	Myostatin
	PI	Pestivirus
	POLL	SNP Based POLL test
	POMPES E7	POMPES E7
	TEND	Tenderness

details.

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1		DAISY	SMI123		F	01-01-17	SeekSire+PV										
2		MAISY	SMI124		F	01-01-17	SeekSire+PV										
3		MOPSY	SMI125		F	01-01-17	SeekSire+PV										
4			SMI126		F	01-01-17	SeekSire+PV										
5			SMI127		F	01-01-17	SeekSire+PV										
6			SMI128		F	01-01-17	SeekSire+PV										
7		BRUCE	SMI129		M	01-01-17	SeekSire+PV										
8			SMI130		M	01-01-17	SeekSire+PV										

At NAA this information is copied exactly as it appears in the electronic copy into our database (LIMS)

At least 1 of the animal identifier fields (animal ID, registration, EID) must be filled for each sample. You can choose to provide more details in the other fields, but this is not required. Fill in whatever fields are relevant for your operation.

3. Enter the relevant parent details

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2		MAISY	SMI124		F	01-01-17	SeekSire+PV				FELIX	123456		
3		MOPSY	SMI125		F	01-01-17	SeekSire+PV				PEPE	456123		
4			SMI126		F	01-01-17	SeekSire+PV				FELIX	123456		
5			SMI127		F	01-01-17	SeekSire+PV				SEE SIRE LIST			
6			SMI128		F	01-01-17	SeekSire+PV				SEE SIRE LIST			
7		BRUCE	SMI129		M	01-01-17	SeekSire+PV				FELIX	123456		
8			SMI130		M	01-01-17	SeekSire+PV				SEE SIRE LIST		SEE DAM LIST	

IMPORTANT NOTE: the NAA team **do not know to run parentage unless parent/s are nominated on this front sheet.** You are more than welcome to request more than one sire and/or dam per calf (using the Optional Sire and Dam list tabs) but please reference these lists on the front sheet as “SEE SIRE/DAM LIST”. *If parentage is not required, please do not list parents on the form.*

Parentage is included in all breed society bundles but may not always be required. It is especially important in these cases to list parents on the front sheet for these cases. Nominated parents **must** include both the UQ AGL case number or the NAA barcode and the ident/name of the animal. If these are not listed, there may be additional administration fees applied for the time taken to recover these details.

4. Ensure all nominated parents have a compatible DNA type

MiP v SNP test record information is sometimes available online, on your breedplan website, or via your society office.

Parentage Compatibility Table:

MiP	MiP	YES
MiP	SNP	NO
MiP	SEEKSIRE	NO
MiP	GGP	NO
MiP	SEQ 1 or 2 <i>discontinued UQAGL test</i>	NO
SEEKSIRE	SEEKSIRE	YES
SEEKSIRE	GGP	YES
GGP	GGP	YES
SEEKSIRE	SEQ1 or 2 <i>discontinued UQAGL test</i>	YES
GGP	SEQ1 or 2 <i>discontinued UQAGL test</i>	YES

If you are not sure if the nominated parents have been upgraded to a SNP profile (SeekSire, GGP or Breed Society bundle) please add them to the test request.

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3	3	MOPSY	SMI125		F	01-01-17	SeekSire+PV				PEPE	456123		
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6	6		SMI128		F	01-01-17	SeekSire+PV				SEE SIRE LIST			
7	7	BRUCE	SMI129		M	01-01-17	SeekSire+PV				FELIX	123456		
8	8		SMI130		M	01-01-17	SeekSire+PV				SEE SIRE LIST		SEE DAM LIST	
10	10	FELIX	FEL147		M	25-05-14	SeekSire							
11	11	PEPE	PEP789		M	18-07-15	SeekSire							