

DNA Testing Process Through **Helical**

Reagan Mitchell

AWA Member Services Officer

Overview

- Navigating Helical
- Submitting a DNA Request
 - Submitting via Helical
 - Submitting via email
- Viewing & Interpreting Results
 - Where to find parentage, DNA case numbers, genetic conditions results
- Working Through Testing Issues
 - What issues you might see
 - How to give feedback and resolve issues

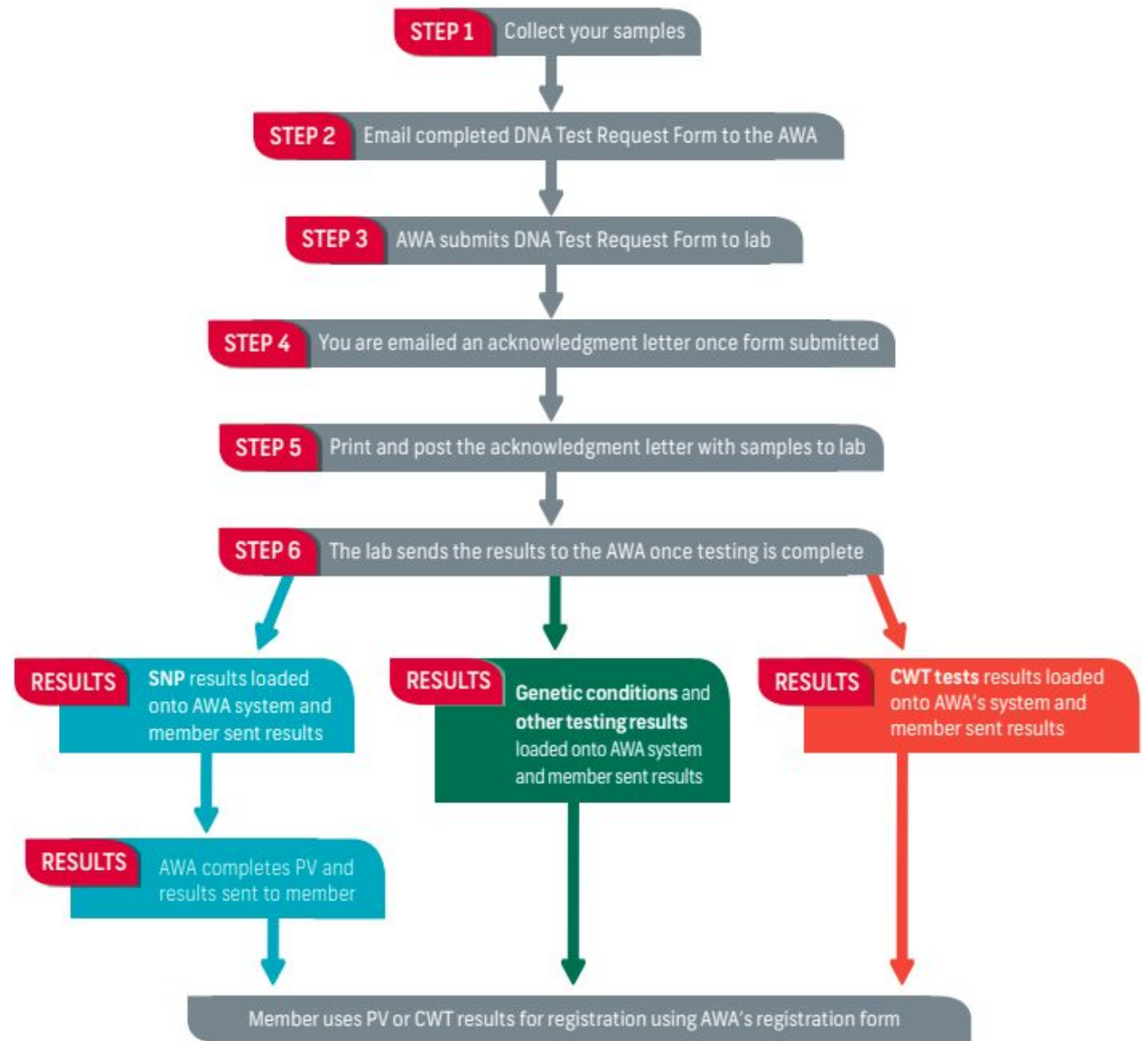


Helical DNA Testing One Stop Shop

Allows members to submit DNA test requests as well as view and download all DNA results including:

- > Parentage analysis results
- > Genotype call rates
- > Failed samples and samples needing recollection
- > Wagyu Feeder Check results (WFC)
- > Genetic condition results
- > Samples with quality control issues (ie: low quality, DNA predicted sex conflicts, duplicate genotypes)
- > Crossbred Wagyu Test (CWT)

Submitting Test Requests



#WORLDS LUXURY BEEF

FOR OUR MEMBERS FOR THE INDUSTRY

[HOME](#)[AWA HELICAL DATABASE](#)[AWA FORMS AND GUIDES](#)[WAGYU PORTAL](#)[SALE CATALOGUES ▾](#)[FIND A SUPPLIER](#)[TRENDING NEWS](#)[🔍 MEMBER SEARCH](#)[🔍 ANIMAL SEARCH](#)

July 2021

AWA Terms of Trade

Animal Registration & DNA Forms

Australian Animal Registration Form



International Animal Registration Form



AWA Transfer Form



DNA request form – Helical submissions



Neogen DNA Form - Australia Only



Zoetis DNA Form - Australia Only



Neogen DNA Form - International



Zoetis DNA Form - International



DNA Testing Terms and Conditions



Allflex Wagyu Member Order Form V2.0 220721



Bulk Disposal Form



Submitting Weights & Scanning Info (template)



Helical Database How To's

Login Information



Users and Policies Information



AWA Helical Database - Submitting a DNA test request



VIDEO: Submitting your Helical DNA test request

Useful Links

Wagyu Feed Calculator APP

Stockbook Knowledge Base

On-demand video series

MIJ technology past, present and future

DNA testing, SNP Genotypes and performance recording

Free Wagyu webinar series

AWA Annual Conference

HELICAL DATABASE

FORMS AND GUIDES

PORTAL

CATALOGUES ▾

SUPPLIER

ING NEWS

MEMBER SEARCH

ANIMAL SEARCH

#WORLDS L

FOR
THE

AWA_HELICAL_test-request-template-25Sep24 - View-only

Search for tools, help, and more (Alt + Q)

File Home Insert Share Page Layout Formulas Data Review View Help Draw

Comments Viewing Edit a copy

A13

Please read **INSTRUCTIONS** before completing this form (Red tab in the bottom left of the excel screen).
Clicking on the header rows will provide additional information on that row, including compulsory and non-compulsory fields.
Examples for each row can be found below.

Please note that DNA testing selections will be made in Helical once the below information has been loaded.

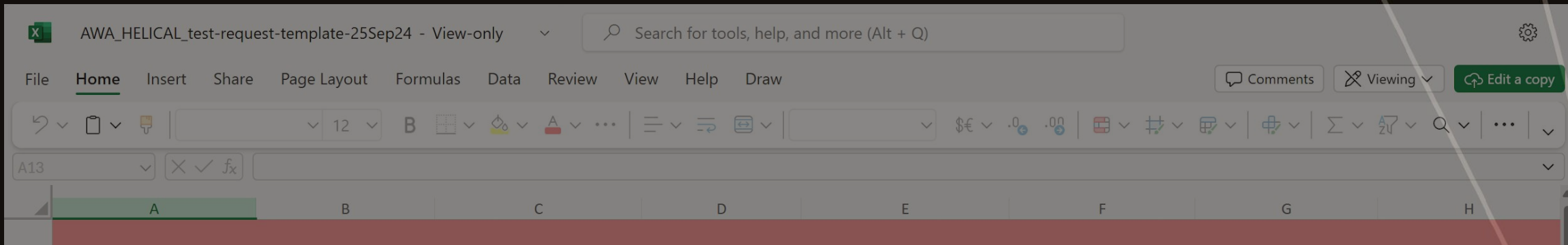
Example:

SAMPLE ID	SAMPLE TYPE	IDENT	SEX	DATE/YEAR OF BIRTH	NLIS	SIRES	DAMS
AS123456	Tissue	AWAF22T1234	Bull	2022	AB123456DEF00001	AWAFP1234	AWAFP4321
12345678910123	Hair	4321	Cow	20/02/2022	AB123456DEF00002	AWAFP1234	AWAFP4321

COPY AND PASTE INTO HELICAL FROM BELOW THIS LINE

SAMPLE ID	SAMPLE TYPE	IDENT	SEX	DATE/YEAR OF BIRTH	NLIS	SIRES	DAMS

Instructions Test Request



COPY AND PASTE INTO HELICAL FROM BELOW THIS LINE

SAMPLE ID	SAMPLE TYPE	IDENT	SEX	DATE/YEAR OF BIRTH	NLIS	SIRES	DAMS

COPY AND PASTE INTO HELICAL FROM BELOW THIS LINE

11

COPY AND PASTE INTO HELICAL FROM BELOW THIS LINE

12

SAMPLE ID	SAMPLE TYPE	IDENT	SEX	DATE/YEAR OF BIRTH	NLIS	SIRES	DAMS
13							
14							
15							

<

>

≡

Instructions

Test Request

+



Whats on ▼ Members ▼ Who we are ▼ Industry ▼

🔍 SEARCH

✕ AWA DATABASE

HOME

AWA HELICAL DATABASE

AWA FORMS AND GUIDES

WAGYU PORTAL

SALE CATALOGUES ▼

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TRENDING NEWS

🔍 MEMBER SEARCH

🔍 ANIMAL SEARCH

#WORLDS LUXURY BEEF

FOR OUR MEMBERS FOR
THE INDUSTRY

AmWA

AuWA

Portal

Helical

Dashboard – Xero

DNA

Membership

Productivity

Testing Kits

Useful Info

Animal Colours - Go...

Helical feedback an...

Australian Wagyu

Role: Owner

Animals

Test Requests

Account

Invoices

Filter or search...

New Test Request +

Name	Entity	Status
_20250506_AustraliaWagyuFeederCheck_VG352-504	153	<div></div> 153
_20250506_AustraliaWagyuFeederCheck_VB350-502	153	<div></div> 153
_20250422_AustraliaNeogenDNA_V864-865	2	<div></div> 2 <div></div> 8
_20250422_AustraliaWagyuFeederCheck_VG291-351	61	<div></div> 61
_20250422_AustraliaWagyuFeederCheck_VB279-349	71	<div></div> 71
_20250402_AustraliaWagyuFeederCheck_VG139.290	152	<div></div> ✓
_20250402_AustraliaWagyuFeederCheck_VB145.278	134	<div></div> ✓
_20250327_AustraliaNeogenDNA_2025.03.27	42	<div></div> ✓ <div></div> ✓
_20250204_AustraliaWagyuFeederCheck_VG100.138	39	<div></div> ✓
_20250204_AustraliaWagyuFeederCheck_VB100.144	45	<div></div> ✓

Items per page: 10 1 - 10 of 21 < >

FOR OUR MEMBERS. FOR THE INDUSTRY.

[f](#) [@](#) [v](#) [in](#)

Australian Wagyu Association | wagyu.org.au

Role: Owner

Animals

Test Requests

Account

Invoices

Role: Owner

Animals

Test Requests

Account

New Test Request

1 Upload Samples

Request Type

- Australia - Neogen DNA
- Australia - Wagyu Feeder Check
- Australia - Zoetis DNA
- Canada - Neogen DNA
- China - Neogen DNA
- China - Wagyu Feeder Check
- United Kingdom - Neogen DNA
- United Kingdom - Wagyu Feeder Check
- USA - Neogen DNA
- USA - Wagyu Feeder Check
- Zoetis DNA (International)

4 Summary

View: 1 row - show 5 errors

Date Of Birth*

Enter Date Of B

Save and Exit

Next

Role: Owner

Animals

Test Request

Account

Invoices

New Test Request

1 Upload Samples

2 Add Ons

3 Parent Lists

4 Summary

Copy and Paste

Upload File

Select Animals

Stockback Request



Copy and paste cells from spreadsheet

Next →

Save and Exit

Next

COPY AND PASTE INTO HELICAL FROM BELOW THIS LINE

SAMPLE ID	SAMPLE TYPE	IDENT	SEX	DATE/YEAR OF BIRTH	NLIS	SIRES	DAMS
AT1234	Tissue	22T1234	Cow	2022		AWAFHTEST1	AWAFHTEST2
AT2345	Tissue	22T2345	Cow	2022		AWA_DEMO1	
AT3456	Tissue	22T3456	Cow	01/05/2022		AWA_DEMO2	
AT4567	Tissue	22T4567	Cow	01/05/2022			
AT5678	Tissue	22T5678	Cow	2022			
AT6789	Tissue	22T6789	Cow	2022			

Neogen DNA

Copy and Paste

Upload File

Select Animals

Stockbook Request

SAMPLE ID	SAMPLE TYPE	IDENT	SEX	DATE/YEAR OF BIRTH	NLIS	SIRES	DAMS
AT1234	Tissue	F22T1234	Cow	2022		AWAFHTEST1	AWAFHTEST2
AT2345	Tissue	F22T2345	Cow	2022		AWA_DEMO1	
AT3456	Tissue	F22T3456	Cow	01/05/2022		AWA_DEMO2	
AT4567	Tissue	F22T4567	Cow	01/05/2022			
AT5678	Tissue	F22T5678	Cow	2022			
AT6789	Tissue	F22T6789	Cow	2022			

Next →

Role: Owner

Animals

Test Requests

Account

Invoices

New Test Request

1 Upload Samples

2 Add Ons

3 Parent Lists

4 Summary

Request Type

USA - Neogen DNA

Entity

Test Request Reference

_20250510_USANeogenDNA

Samples

Filter...

Load Data

Clear Table



View:



1 row -

show 5 errors

Sample ID*	Type*	Ident*	Sex*	Date Of Birth*
<input type="checkbox"/> AT3456	Tissue	22T3456	Cow	2022-05-01
<input type="checkbox"/> AT4567	Tissue	22T4567	Cow	2022-05-01

Save and Exit

Next



New Test Request

✓ Upload Samples **2 Add Ons** 3 Parent Lists 4 Summary

Choose bundle and optional add-ons for your animals.

To choose bundles for multiple animals, select the animals you want to update then choose the bundle from the table header.

The following bundles are available:

- **Genomic SNP:** includes Genomic SNP, Genotype and Parent Verification
- **Standard:** includes Genomic SNP, Genotype, Parent Verification, IARS, F11, CHS and B3
- **Comprehensive:** includes Genomic SNP, Genotype, Parent Verification, POLL, SCD, IARS, F11, CHS, B3 and TEND
- **Parentage SNP:** includes Parentage SNP, Genotype and Parent Verification
- **No SNP**

*All pricing is in AUD

<input type="checkbox"/> AWA Ident	Sample ID	Bundle	Cost
<input type="checkbox"/> F22T1234	AT1234	<input type="text" value=""/>	A\$0.00
<input type="checkbox"/> F22T2345	AT2345	<input type="text" value=""/>	A\$0.00
<input type="checkbox"/> F22T3456	AT3456	<input type="text" value=""/>	A\$0.00
<input type="checkbox"/> F22T4567	AT4567	<input type="text" value=""/>	A\$0.00
<input type="checkbox"/> F22T5678	AT5678	<input type="text" value=""/>	A\$0.00
<input type="checkbox"/> F22T6789	AT6789	<input type="text" value=""/>	A\$0.00
Total:			A\$0.00

Testing Options

Neogen

- Global Bundle (GBL_BDL) – SNP, PV, B3, CHS, F11, IARS
- Global Panel (GBL_PNL) – SCD, TEND, POLL
- Trait Panel (Trait_PNL) – B3, CHS, F11, IARS
- Coat Color/Dilution Factor

Zoetis

- Comprehensive Bundle (COMP_BDL) – SNP, PV, B3, CHS, CL16, F11, F13, IARS, POLL, SCD
- Standard Bundle (STD_BDL) – B3, CHS, F11, IARS
- BVDV/PI

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Australian Wagyu Association | wagyu.org.au



New Test Request

✓ Upload Samples 2 Add Ons 3 Parent Lists 4 Summary

Choose bundle and optional add-ons for your animals.

To choose bundles for multiple animals, select the animals you want to update then choose the bundle from the table header.

The following bundles are available:

- **Genomic SNP:** includes Genomic SNP, Genotype and Parent Verification
- **Standard:** includes Genomic SNP, Genotype, Parent Verification, IARS, F11, CHS and B3
- **Comprehensive:** includes Genomic SNP, Genotype, Parent Verification, POLL, SCD, IARS, F11, CHS, B3 and TEND
- **Parentage SNP:** includes Parentage SNP, Genotype and Parent Verification
- **No SNP**

*All pricing is in AUD

<input type="checkbox"/> AWA Ident	Sample ID	Bundle	Cost
<input type="checkbox"/> F22T1234	AT1234	<input type="text" value=""/>	A\$0.00
<input type="checkbox"/> F22T2345	AT2345	<input type="text" value=""/>	A\$0.00
<input type="checkbox"/> F22T3456	AT3456	<input type="text" value=""/>	A\$0.00
<input type="checkbox"/> F22T4567	AT4567	<input type="text" value=""/>	A\$0.00
<input type="checkbox"/> F22T5678	AT5678	<input type="text" value=""/>	A\$0.00
<input type="checkbox"/> F22T6789	AT6789	<input type="text" value=""/>	A\$0.00
Total:			A\$0.00

New Test Request

✓ [Upload Samples](#) ✓ [Add Ons](#) **3 Parent Lists** 4 Summary

Parent lists are nominations of a list of potential sires or dams for all animals in the test request. They are used as the first fallback for parentage discovery if the sires or dams specifically nominated for an animal fail to verify.

Sires

Filter... **Load Data** Clear Table View: 3 rows

<input type="checkbox"/> ID	
<input type="checkbox"/> AWA_FHTEST1	
<input type="checkbox"/> AWA_DEMO1	
<input type="checkbox"/> AWA_DEMO2	
Enter ID...	

Dams

Filter... **Load Data** Clear Table View: 0 rows

<input type="checkbox"/> ID	
Enter ID...	

New Test Request

Upload Samples

Add Ons

Parent Lists

4 Summary

Entity ID:

Entity Name:

New Test Request

Upload Samples

Add Ons

Entity ID:

Request Type: Australia - Wagyu Feeder Check

Total Samples: 2

Entity Name:

Request Reference:

Total Cost:

Search...

Sample ID

AT1234

FF0154

Already genotyped

Belongs to entity

Submit Test Request?

Once submitted, the test request may not be edited

Submit

2 warnings found

Please review the warnings before submitting

1 individual does not exist

If this is unexpected, review rows with the new tag

Submit Request

Save and Exit



Role: Owner

Filter or search...



New Test Request +

Name	Entity	Status
_20250506_AustraliaWagyuFeederCheck_VG352-504	153	153
_20250506_AustraliaWagyuFeederCheck_VB350-502	153	153



Role: Owner

Filter or search...



New Test Request +

Name	Batch ID	Type	Entity	Status
0241002_AustraliaNeogenDNA_DEMO_REQUEST	crubkl8lsj6p4r98ckbg	Australia - Neogen DNA		pending
_20250204_AustraliaWagyuFeederCheck_VG100.138			39	✓
_20250204_AustraliaWagyuFeederCheck_VB100.144			45	✓

Items per page: 10 1 - 1 of 1 < >

Items per page: 10 1 - 10 of 21 < >

Name		Request ID	Entity	Created ↑			
.20240403_wfc_2024 Redford PB Steers 365hd	Wagyu Feeder Check (AU)	co6a438lsj6n44cmc3b0		03/04/2024	<div></div>	365	Entity View
20240403_default_2403019 Neogen	Historical	co6cocolsj6n44cmc3qg		03/04/2024	<div></div>	1	Entity View
20240403_default_2401233Neogen	Historical	co6cmj0lsj6n44cmc3pg		03/04/2024	<div></div>	26	Entity View
.20240403_default_2403024 Neogen	Historical	co6ckoglsj6n44cmc3o0		03/04/2024	<div></div>	20	Entity View
20240403_default_2402081 Neogen	Historical	co6cjmgljsj6n44cmc3mg		03/04/2024	<div></div>	66	Entity View
20240403_default_2403071 Neogen	Historical	co6ci98lsj6n44cmc3lg		03/04/2024	<div></div>	10	Entity View
.20240403_default_2403027 Neogen	Historical	co6ce5gljsj6n44cmc3kg		03/04/2024	<div></div>	57	Entity View
.20240403_default_2403029 Neogen	Historical	co6ccd0lsj6n44cmc3j0		03/04/2024	<div></div>	1	Entity View
.20240403_default_2403013 Neogen	Historical	co6caoglsj6n44cmc3i0		03/04/2024	<div></div>	86	Entity View
.20240403_default_2403064 Neogen	Historical	co6c7g0lsj6n44cmc3g0		03/04/2024	<div></div>	7	Entity View
		co6c608lsj6n44cmc3f0		03/04/2024	<div></div>	323	Entity View
		co6b6folsj6n44cmc3d0		03/04/2024	<div></div>	16	Entity View
.20240402_wfc	Wagyu Feeder Check (AU)	co5lrq0lsj6n44cmc2i0		02/04/2024	<div></div>	17	Entity View
0330_wfc	Wagyu Feeder Check (AU)	co3n2j8lsj6gd2lk9vdg		02/04/2024	<div></div>	3	Entity View
20240327_default_Neogen 2403045	Historical	co1pamoljsj6gd2lk8q0g		27/03/2024	<div></div>	61	Entity View
20240327_default_Neogen 2402002	Historical	co1oqsolsj6gd2lk8png		27/03/2024	<div></div>	17	Entity View
.20240327_default_Neogen 2403008	Historical	co1onn0lsj6gd2lk8plg		27/03/2024	<div></div>	4	Entity View
.20240327_default_Neogen 2403007	Historical	co1omoolsj6gd2lk8pk0		27/03/2024	<div></div>	44	Entity View
20240326_wfc_WSA March 2024	Wagyu Feeder Check (AU)	co1827glsj6jnin2vg		27/03/2024	<div></div>	160	Entity View
20240326_default_1_Zoetis 2403022	Historical	co14i18lsj6jnlgin2v0		26/03/2024	<div></div>	19	Entity View

1pamoljsj6gd2lk8q0g
27/03/2024
61
[Entity View](#)

0 awaiting without match, 0 awaiting with match, 8 testing, 4 failed, 49 complete

July 2021

AWA Terms of Trade

Animal Registration & DNA Forms

Australian Animal Registration Form



International Animal Registration Form



AWA Transfer Form



DNA request form – Helical submissions



Neogen DNA Form - Australia Only



Zoetis DNA Form - Australia Only



Neogen DNA Form - International



Zoetis DNA Form - International



DNA Testing Terms and Conditions



Allflex Wagyu Member Order Form V2.0 220721



Bulk Disposal Form



Submitting Weights & Scanning Info (template)



Helical Database How To's

Login Information



Users and Policies Information



AWA Helical Database - Submitting a DNA test request



VIDEO: Submitting your Helical DNA test request

Useful Links

Wagyu Feed Calculator APP

Stockbook Knowledge Base

On-demand video series

MIJ technology past, present and future

DNA testing, SNP Genotypes and performance recording

Free Wagyu webinar series

AWA Annual Conference

HOME

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FIND A SUPPLIER

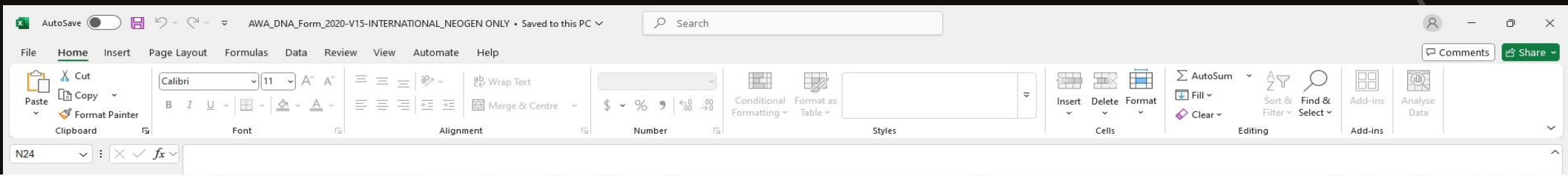
TRENDING NEWS

MEMBER SEARCH

ANIMAL SEARCH

#WORLDS

FOR
THE



	A	B	C	D	E	F	G	H	I
1	Member Name:								
2	Herd Ident:								
3									
4	Member Agreement:	Please select from the dropdown box below							
5		1	the Terms & Agreement of this form						
6		2	that AWA will invoice me upon submission of this form to the testing laboratory						
7		3	That I am the legal owner of the samples/DNA to be tested, have the permission to access the sample from the legal owner, and have the right to access the sample for the purposes of parent verification.						
8									
9		4	The following 3 clauses regarding DNA testing:						
10			1. When requesting a DNA test and Parent Verification, I am paying for the DNA testing of the animal only. A qualified parent verification						
11			2. When requesting a GENOMIC SNP, I am only paying for the genotyping of the animal. Genomically enhanced EBVs are not guaranteed						
12			3. When requesting testing on animals that have previously been tested, the AWA highly recommend submitting a new sample to reduce						
13									

Sample Code (from
Hair card or TSU)

1234567890



FOR OUR MEMBERS. FOR THE INDUSTRY.



Australian Wagyu Association | wagyu.org.au

Email Notifications

RE: [REDACTED] DNA Request



Wagyu DNA Testing

To [REDACTED]



Wed 7/05/2025 3:54 AM



Hi [REDACTED],

Thank you for submitting this test request. This request has now been processed; for your reference, the batch ID number is # [REDACTED] Batch number. Please see the attached acknowledgement letter and work order (Work Order). The work order is to be printed and sent with the samples to the lab.

Have a great day.

Sincerely,
Reagan Mitchell

AWA DNA & Parentage

☎ +61 2 8880 7700 ✉ office@wagyu.org.au

✉ regos@wagyu.org.au ✉ dna@wagyu.org.au

📍 Suite 6, 146 Marsh Street, Armidale NSW 2350

🌐 www.wagyu.org.au



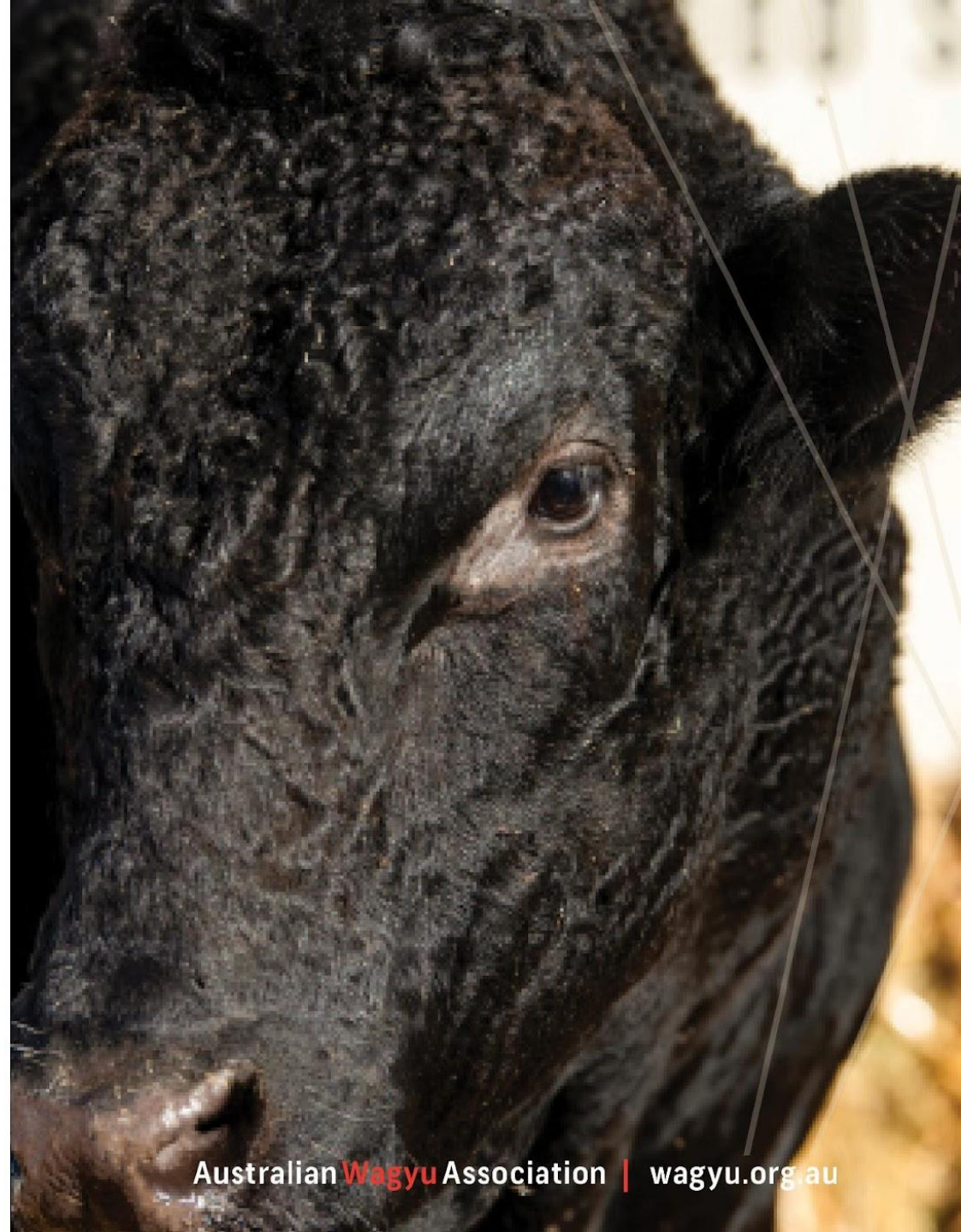
IMPORTANT: The contents of this email and any attachments are confidential. They are intended for the named recipient(s) only. If you have received this email by mistake, please notify the sender immediately and do not disclose the contents to anyone or make copies thereof.

Viewing and Interpreting Results

FOR OUR MEMBERS. FOR THE INDUSTRY.



Australian Wagyu Association | wagyu.org.au



Email Notification

DNA Parentage Results



Australian Wagyu Association <dna@wagyu.org.au>

To ☐ Caroline Triebe

Cc ☒ Carel Teseling; ☐ Wagyu DNA Testing



Parentage_Results.csv

8 KB



Testing_issues_awaiting_feedback.csv 13 KB



Awaiting_Parentage.csv

7

Hi

Please note that all Parentage results are now being reported via Helical.

To watch the Webinar about Helical, please visit the following link: <https://www.wagyu.org.au/dna-parentage-analysis>

We would greatly appreciate any feedback from you as we progress with this migration to the Helical database.

Please find Parentage reports attached to this email for your animals submitted for DNA testing. It is imperative to check all the results in this file carefully to ensure you find a problem with any of the results please contact us.

Please also note that if there are a couple of animals missing from the analysis and the Animal details files that you receive, it is likely that they had failed their test. We encourage you to wait 2-3 weeks before chasing these additional results.

To view your latest results, please log in to: <https://app.helicalco.com/au-wagyu/test-requests>

Please find a short description of the files attached to this email below:

Parentage Results - This file contains all animals that have had Parentage results reviewed by the MSO team and are now regarded as "Complete". If you wish

Testing issues awaiting feedback - This file contains animals that have been through a Parentage analysis but have outstanding parentage issues that are being

DNA Parentage Results



Australian Wagyu Association <dna@wagyu.org.au>

To Caroline Triebe

Cc Carel Teseling, Wagyu DNA Testing



Tue 2/04/2024 2:19 PM



Parentage_Results.csv

8 KB



Testing_issues_awaiting_feedback.csv 13 KB



Awaiting_Parentage.csv

7 KB



Awaiting_Genotype.csv

444 bytes

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Please also note that if there are a couple of animals missing from the analysis and the Animal details files that you receive, it is likely that they had failed their first round of testing and are in the process of being re-tested. Unless the results are urgent we would encourage you to wait 2-3 weeks before chasing these additional results.

To view your latest results, please log in to: <https://app.helicalco.com/au-wagyu/test-requests>

Please find a short description of the files attached to this email below:

Parentage_Results - This file contains all animals that have had Parentage results reviewed by the MSO team and are now regarded as "Complete". If you wish to register these animals, please submit a registration form to regos@wagyu.org.au

Testing_issues_awaiting_feedback - This file contains animals that have been through a Parentage analysis but have outstanding parentage issues that are being reviewed by the MSO team. Issues can be viewed in the attached file or by logging in to Helical. Please review and then contact the MSO team to discuss these animals before their parentage results can be completed.

Awaiting_Parentage - This file contains all animals that have had genotypes returned from the laboratory but have not been run through Parentage analysis yet.

Awaiting_Genotype - This file contains all requested animals submitted under your membership that have not had genotypes returned from the laboratory yet along with the batch number they were requested in.

Failed_Samples - This file contains all requested animals submitted in this batch that were classed as a "failed" sample. This means that the samples were tested at the laboratory, but the genotype produced was not high enough quality to be used. These animals will need to have a new sample collected and a new DNA test request submitted if you wish to re-test them.

Recollect_Samples - This file contains all requested animals where no sample, or an unusable sample was provided to the laboratory. These animals will need to have a new sample collected and a new DNA test request submitted if you wish to re-test them.

DNA Parentage Results



Australian Wagyu Association <dna@wagyu.org.au>

To ○ Caroline Triebe

Cc ● Carel Teseling; ○ Wagyu DNA Testing



Tue 2/04/2024 2:19 PM



Parentage_Results.csv

8 KB



Testing_issues_awaiting_feedback.csv

13 KB



Awaiting_Parentage.csv

7 KB



Awaiting_Genotype.csv

444 bytes

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Parentage Results - This file contains all animals that have had Parentage results reviewed by the MSO team and are now regarded as "Complete". If you wish to register these animals, please submit a registration form to regos@wagyu.org.au

Testing issues awaiting feedback - This file contains animals that have been through a Parentage analysis but have outstanding parentage issues that are being reviewed by the MSO team. Issues can be viewed in the attached file or by logging in to Helical. Please review and then contact the MSO team to discuss these animals before their parentage results can be completed.

Awaiting Parentage - This file contains all animals that have had genotypes returned from the laboratory but have not been run through Parentage analysis yet.

Awaiting Genotype - This file contains all requested animals submitted under your membership that have not had genotypes returned from the laboratory yet along with the batch number they were requested in.

Failed Samples - This file contains all requested animals submitted in this batch that were classed as a "failed" sample. This means that the samples were tested at the laboratory, but the genotype produced was not high enough quality to be used. These animals will need to have a new sample collected and a new DNA test request submitted if you wish to re-test them.

Recollect Samples - This file contains all requested animals where no sample, or an unusable sample was provided to the laboratory. These animals will need to have a new sample collected and a new DNA test request submitted if you wish to re-test them.

DNA Parentage Results



Australian Wagyu Association <dna@wagyu.org.au>

To ☐ Caroline Triebe

Cc ☒ Carel Teseling; ☐ Wagyu DNA Testing



Tue 2/04/2024 2:19 PM



Parentage_Results.csv

8 KB



Testing_issues_awaiting_feedback.csv

13 KB



Awaiting_Parentage.csv

7 KB



Awaiting_Genotype.csv

444 bytes

Hi

Please note that all Parentage results are now being reported via Helical.

To watch the Webinar about Helical, please visit the following link: <https://www.wagyu.org.au/dna-parentage-analysis>

We would greatly appreciate any feedback from you as we progress with this migration to the Helical database.

Please find Parentage reports attached to this email for your animals submitted for DNA testing. It is imperative to check all the results in this file carefully to ensure the indicated potential parents correspond with your records or that the mating was possible. If you find a problem with any of the results please contact us.

Please also note that if there are a couple of animals missing from the analysis and the Animal details files that you receive, it is likely that they had failed their first round of testing and are in the process of being re-tested. Unless the results are urgent we would encourage you to wait 2-3 weeks before chasing these additional results.

To view your latest results, please log in to: <https://app.helicalco.com/au-wagyu/test-requests>

Please find a short description of the files attached to this email below:

Parentage Results - This file contains all animals that have had Parentage results reviewed by the MSO team and are now regarded as "Complete". If you wish to register these animals, please submit a registration form to regos@wagyu.org.au

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Viewing Results in Helical

 Australian Wagyu

Powered by Helical

 Caroline Triebe

Dashboard <

Animals

Test Requests

AWA_20231108_default_2309114

Historical
Entity ID: AWA
Entity Name: AUSTRALIAN WAGYU ASSOCIATION
Created At: 11/8/2023, 12:11:01 PM

?

Request in processing
Your request is being processed by the registrar

Submission

Samples

Parentage

► How to interpret this table?

AWA Ident	Sample ID	Type	Status
Your Animal	AT7371513	tissue	pv


AWA_20240205_default_Neogen 2401140

Historical
Entity ID: AWA
Entity Name: AUSTRALIAN WAGYU ASSOCIATION
Created At: 05/02/2024, 15:59:49

Request in processing
Your request is being processed by the registrar

Submission (6) Samples (5) Parentage (5)

Genotypes AnimalSamples

Export to CSV 

Sample ID	DNA Case Num	AWA Ident	Call Rate
82417016908	123456	0288A	0.973

AWA_20231108_default_2309114

Historical

Entity ID: AWA

Entity Name: AUSTRALIAN WAGYU ASSOCIATION

Created At: 11/8/2023, 12:11:01 PM



Request in processing


Your request is being processed by the registrar

Submission

Samples

Parentage



Export to CSV 

AWA Ident

Sire AWA Ident

Dam AWA Ident

Mating Result

Completed At

Your Animal

Sire



Dam



trio ✓

1/11/2024

Submission

Samples

Parentage

Genetic Tests

Export to CSV 

AWA Ident	B3	CHS	F11	IARS	F13	CL16	BVD	POLL	SCD	TEND	COAT	DL	CWT
23U59	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
23U60	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
23U61	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
23U62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
23U63	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
23U58	F	F	C	F	NA	NA	NA	NA	NA	NA	NA	NA	NA

Working through Testing Issues

Submission (12) Samples (12) Parentage (12)

► How to interpret this table?

3 Issues need reviewing

Hide Issues

Responses to testing issues can be given via phone, or by replying to the results email.

AWA Ident	Sample ID	Type	Issues	Status
[redacted] V0450	AF04236054	tissue	Please confirm sex of animal as DNA request sex differs to predicted sex of genotype. Nominated dam [redacted] has not qualified. PV qualified dam is [redacted] - please confirm this is possible.	pv
[redacted] /0452	AF04236048	tissue	Nominated sire [redacted] has not qualified. PV qualified sire is [redacted] - please confirm this is possible. Nominated dam [redacted] has not qualified. PV qualified dam is [redacted] - please confirm this is possible.	pv
[redacted] V5381	AF04236052	tissue	Nominated dam [redacted] has not qualified. PV qualified dam is [redacted] - please confirm this is possible.	pv

Contact the **AWA** team

Contact us anytime via email

Office email office@wagyu.org.au

Rego questions regos@wagyu.org.au

DNA queries dna@wagyu.org.au

Account enquiries accounts@wagyu.org.au

Phone us

Phone +1 682 418 4774

WhatsApp +61 407 677 016



