



UNDERSTANDING PARENT VERIFICATION

Understanding Available DNA Tests:

There are two different types of DNA Test Categories, SNP & MiP.
When requesting a parent verification, you can only compare like to like. e.g.
MiP to MiP
SNP to SNP

SNP BASED TESTS:

- SEQI
- Low Density Genotype (LD)
- High Density Genotype (HD)

MICROSATILITE BASED TESTS:

- MiP

Why some Parent Verifications are not possible:

It is not possible to compare a MiP based profile to a SNP based profile.
As we move forward, and continue to test animals on SNP based DNA profiles, we are seeing an increased number of "untestable" parent verification requests.
This is often because the parent is on a MiP whilst the progeny has been placed on a SNP.

What can you do about it:

Please check which DNA profiles the potential parents are on. This can be done by searching for the parents online via the animal search function on the Herefords Database.
Under "DNA Extraction" it will display what DNA platforms an animal has been tested upon.
If the parent has been tested on the same DNA platform e.g. SNP to SNP, MiP to MiP, then the parent verification can go ahead.
If the parent has been tested on an incompatible DNA platform e.g. MiP, then the parent will need to be upgraded to a compatible DNA platform so the testing can proceed.
By upgrading the parent to a SNP based genomic profile (GGPLD or GGPHD), then this parent will be included into future single step projects.

Hereford Animal Details KIDMAN DECKER H273 (P)

[First](#) [Previous](#) [Next](#) [Last](#)

[Home](#) [Animal Enquiry](#) [EBV Enquiry](#) [Mating Predictor](#) [Member Enquiry](#) [Sale Catalogues](#) [Semen Catalogues](#) [Download Files](#) [Online Transactions](#)

Identifier: KIDH273
Sex: Male
Tattoo: H273
Birth Date: 05/09/2012
Calving Year: 2012
Hereford Category: (P)
Reg. Status: Registered
Status: Active
Sire: [WIRRUNA ELDER E327 \(AI\) \(ET\) \(P\)](#)
Dam: [KIDMAN MINERVA F135 \(P\)](#)
Breeder: [KIDMAN CATTLE CO](#)
Current Owner: [RAVENSDALE POLL HEREFORDS](#)
Horn: Polled
Poll Gene Results: Homozygous Polled (PcPc)
DNA Extracted: **SNP(HD) and Microsatellite**
Parent Verified: to Sire
Genetic Conditions: [HYF DLF IEF](#)
(Click for Explanations)
Eye Pigment%: Left=100 Right=100
Progeny: [\[107 - View\]](#) [\[View by Herd\]](#)
Pedigree: [\[View\]](#)
EBV Graph: [\[View\]](#)

RHY RAVENSDALE
Poll Herefords



[View Larger Image - 129,250](#)

* Semen Available *

[BIN Progeny Test Sires - 5th Cohort 2015 Joinings](#)



HEREFORDS
Australia

www.herefordsaustralia.com.au

16 Uralla Road
Locked Bag 7
Armidale NSW 2350
Phone +61 2 6772 1399
Fax +61 2 6772 1615
info@herefordsaustralia.com.au