Traditional manual pedigree recording is synonymous with a degree of pedigree error. It doesn't matter what species or what breed, events happen on farm which lead to incorrect sires and dams being assigned to calves.

The only realistic way to verify whether or not manual pedigree recording is correct is to use DNA technology.

OPEN NEW DOORS WITH BETTER MANAGEMENT

Knowing the parentage of each animal in your herd is necessary to make informed management decisions. By utilising SireTRACE® you can identify individual sires within a multisire herd, make educated breeding decisions and continually select genetically superior bulls based on progeny performance.

SireTRACE® uses DNA information to:

• Evaluate offspring fingerprints against potential sires to determine a definite sire
• Determined pedigree by validating the sire and a dam
• Track an animal across multiple venues

Tracking this information allows data to be analysed on animals that perform on both the high and low end of a performance scale. Future performance and economic benefits can be maximized if these specific sires for high- and low-performing offspring are identified.
PUTTING SIREDAC® INTO PRACTICE

With SireTRACE® results in hand, decisions which impact the future of your operation can be made more carefully.

SireTRACE® will allow you to:

• Identify sires of superior calves, increasing the speed of genetic progress
• Make educated breeding decisions, allowing each animal to be mated for its optimal genetic potential
• Select future herd sires based on genetic potential and performance

ZOETIS CUSTOMER SERVICE

At Zoetis we strive to provide not just tests but solutions. Each SireTRACE® test we undertake is unique and the analysis is tailored to suit your situation. Our customer service staff will work with you to achieve the best possible results and most informative report possible. If we have any questions about your samples we will contact you before running the tests.

DNA profiling and parentage tests. It’s all in the DNA.

BENEFITS OF SIREDAC®

There are multiple benefits to implementing SireTRACE® into both commercial and seedstock operations, including:

• Reducing the number of herds while increasing their size
• Utilising pasture and water resources more efficiently through rotational grazing
• Reducing labour needs for feeding and watering cattle
• Improving pregnancy rates and the cow-to-bull ratio, which can potentially shorten the calving season
• Removing low performing or genetically inferior bulls
• Increased eBV accuracy
• Improved reproductive performance with multi-sire mating

The graph below demonstrates how building confidence in DNA technology can lead to expanded multi-sire mating programs, improved pedigree accuracy and more calves being produced to elite sires.