



WHAT IS NABR?

THE NORTH AMERICAN BISON REGISTRY IS PART OF THE NATIONAL BISON ASSOCIATION, AND RECORDS THE LINEAGE AND ORIGIN OF NORTH AMERICAN BISON. IT IS USED FOR PRIVATE, PUBLIC AND TRIBAL HERDS TO ENHANCE STEWARDSHIP, CONSERVE UNIQUE TRAITS, ADVANCE KNOWLEDGE, AND PRESERVE THE INTEGRITY OF THE SPECIES.



EXPLORE WHAT THE REGISTRY CAN DO FOR YOU AT:
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WHAT ARE THE DNA TESTS?

NABR OFFERS FIVE STANDARD TESTS:

1. **PARENTAGE**- ID OFFSPRING OF AN INDIVIDUAL ANIMAL
2. **HYBRIDIZATION**- PRESENCE OF (COMMONLY ACCEPTED) CATTLE MARKERS IN THE DNA
3. **CHARLOIS DILUTER**- PRESENCE OF CHARLOIS CATTLE MARKERS, AN INDICATOR FOR CATTLE INFLUENCED LIGHT COLORED BISON
4. **HISTORIC LINEAGE**- PRESENCE OF GENETIC MARKERS ID'D AS PRESENT IN HERDS RECOGNIZED FOR POST GREAT-SLAUGHTER-ERA PRESERVATION OF THE SPECIES
5. **GENE DIVERSITY**- PERCENTAGE OF THE TOTAL GENETIC MARKERS RECOGNIZED IN THE NORTH AMERICAN BISON SPECIES THAT ARE PRESENT IN ONE INDIVIDUAL ANIMAL

WHY TEST?

- TRACK LINEAGE ASSOCIATIONS & IDENTIFY OFFSPRING
- DETERMINE HIGH/LOW PERFORMANCE BLOODLINES
- IDENTIFY ANIMALS OF UNKNOWN PARENTAGE
- TRACK PERFORMANCE/ FUNCTION OF HERD BULLS
- GUIDE BREEDING STOCK DECISIONS
- PROVIDE VALIDATION AND SCIENTIFIC SUPPORT FOR MARKETING CLAIMS

