AMERICAN ROYAL ASSOCIATION

IMPACTING THE FUTURE OF AGRICULTURE • SCHOLARSHIPS | EDUCATION | COMPETITION

2017 DNA Validation Rules/Guidelines

1. All junior market steers, swine, lambs and goats must have DNA samples submitted to the American Royal. Market steer, lamb and goat DNA samples must be **postmarked no later than August 1, 2017.** DNA samples for Market Hogs must be **postmarked no later than August 22, 2017.** The American Royal is not responsible for lost or misdirected mail. Certified mail with return receipt is recommended.

2. **Hair will be used for DNA validation on all species**. DNA Validation Envelopes must be ordered from the American Royal. Only 2017 American Royal DNA Validation Envelopes will be accepted. ***Please follow the instructions for collecting hair samples exactly. Should the original sample not be a valid sample, the animal may be disqualified and no monies will be paid.***

3. There is **no limit on the number of DNA samples** that an exhibitor may submit.

4. **ANIMALS MUST BE INDIVIDUALLY IDENTIFIED.** The following forms of identification must be used. **THE IDENTIFICATION ON THE ANIMAL AT PROCESSING MUST EXACTLY MATCH THE IDENTIFICATION ON THE DNA VALIDATION ENVELOPE.**
   A. Swine must be identified by an ear notch (Universal Notching System).
   B. Steers must be identified by a tattoo (Tattoos must be unique to each steer).
   C. Lambs must be identified by a Scrapie ID number*. Entire ID number including state ID and herd number** is required.
   D. Goats must be identified by a Scrapie ID number*. Entire ID number including state ID and herd number** is required.

   ***Since scrapie tags can occasionally be lost, it is recommended that you also tattoo the lamb or goat and record the tattoo number on the front of the DNA envelope.*

   ***Scrapie tag numbers vary greatly, however each tag will include a state identifier, herd number, and animal number. The scrapie tag number on the DNA envelope must include the entire ID number as listed above and must **EXACTLY** match the number on the scrapie tag at check-in.*

5. Any discrepancies at weigh-in will be the responsibility of the exhibitor and the animal may be disqualified from the show. Should additional DNA testing be allowed (only if approved by show officials and determined on an individual basis), the cost to the exhibitor will be $150 payable immediately by cash or credit card only. After testing is completed, any exhibitor showing an animal without a matching DNA sample will be subject to consequences determined by the Executive Committee, including, but not limited to, disqualification of animal, forfeit of all monies, and suspension from showing at the American Royal.

6. **Siblings** (two or more individuals having one common parent) **may submit DNA samples on the same animal** if all siblings are involved in the care and management of the animal. **Names AND signatures of each sibling must appear on the DNA Validation Envelope when it is submitted**.

SIBLINGS MAY SUBMIT DNA SAMPLES ON THE SAME ANIMAL BUT MAY NOT ENTER THE SAME ANIMAL IN THE SHOW. All DNA Validation Envelopes from the same family should be sent in the same envelope.

7. DNA provides proof of ownership. With the exception of the sibling rule above, market animals can only have DNA submitted by one exhibitor. If multiple DNA samples are received for the same animal by multiple exhibitors, the animal and the exhibitors will be disqualified from the 2017 show.
8. **DNA validation does not constitute an entry in the 2017 American Royal**. Regular entry procedures must be followed; entry deadline is **September 12**. An exhibitor may enter three swine, three lambs, three market goats and/or two steers. Only animals which have an individual DNA Validation Envelope on file with the American Royal may be entered.

9. Should it be necessary to return your DNA Validation Envelopes for any reason (lack of signatures, etc.) there will be a $10.00 re-processing fee.

NOTE: DNA Validation Envelopes / hair samples submitted to the American Royal on all junior market animals become the property of the American Royal. Exhibitors relinquish any claim to said envelopes and samples when submitted as proof of ownership. Validation envelopes/samples are stored in a secure environment and are destroyed in due time following the show.

2017 AMERICAN ROYAL
JUNIOR MARKET ENTRY CHECKLIST

- ☐ Order DNA Validation Envelopes from American Royal.
- ☐ Read DNA Validation Rules and Guidelines.
- ☐ Collect hair sample(s) following detailed instructions enclosed with DNA Validation Envelopes.
- ☐ Review each DNA Validation Envelope to ensure all information is completed:
    - Date
    - Animal ID
    - Exhibitor(s) Name
    - Complete Address
    - Telephone (with area code)
    - Exhibitor(s) Signature – **all** siblings named **must** sign
    - Parent/Guardian Signature – required for **all** junior exhibitors

- ☐ Include ALL DNA Validation Envelopes from the same family in one envelope and mail to:

  American Royal Livestock Show
  Attn: DNA Test
  1701 American Royal Court
  Kansas City, MO 64102

  Market Steers, Lambs & Goats: Postmarked no later than **August 1, 2017**
  Market Swine: Postmarked no later than **August 22, 2017**

- ☐ Obtain Official Entry Form / Premium Book at www.americanroyal.com. Show entry deadline is **September 12, 2017**.
- ☐ Mail 2017 Official American Royal Livestock Show Entry Form **postmarked no later than SEPTEMBER 12, 2017**.
- ☐ **NOTE:** DNA sample submission **does not** constitute entry into the 2017 American Royal Livestock Show. Regular entry procedures must be followed.