



BIOGENETIC SERVICES, INC.

1321 6th Street
Brookings, SD 57006
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www.biogeneticservices.com

Phone: (605) 697-8501
Fax: (605) 697-8507
Toll Free: (800) 423-4163

DNA Tests for Resistance to Scrapie Disease and for Spider Lamb Syndrome in Sheep

PACKING SLIP

**** Please include a copy of this packing slip with the samples**

Billing Farm / Company Name & Address:

Name & Address of Sender (If different from Billing):

Contact Person: _____

Sample Collected by: (print) _____

Telephone No: _____

Collector's Signature: _____

Fax No: _____

Veterinarian Name & Address:

Email: _____

Type of Animal: _____

Courier used: _____

Date Sample Sent to BGS: _____

Requested Services: (Check only one)

Veterinarian Phone No: _____

Test Code

100	Scrapie Resistance Codon 141 (Single Test)
101	Scrapie Resistance Codon 171 (Single Test)
102	Scrapie Resistance Codon 136 (Single Test)
103	Scrapie Resistance Codon 154 (Single Test)
104	Scrapie Resistance Codons 171 and 136 (Two Tests)
105	Scrapie Resistance Codons 171 and 154 (Two Tests)
105A	Scrapie Resistance Codons 171 and 141 (Two Tests)
106	Scrapie Resistance Codons 171, 136 and 154 (Three Tests)
106A	Scrapie Resistance Codons 171, 136 and 141 (Three Tests)

Test Code

106B	Scrapie Resistance Codons 171, 136, 154 and 141 (Four Tests)
107	Spider Lamb Syndrome (Single Test)
108	Spider and Scrapie Codon 171 (Two Tests)
109	Spider and Scrapie Codons 171 & 136 (Three Tests)
110	Spider and Scrapie Codons 171 & 154 (Three Tests)
110A	Spider and Scrapie Codons 171 & 141 (Three Tests)
111	Spider and Scrapie Codons 171, 136 & 154 (Four Tests)
111A	Spider and Scrapie Codons 171, 136 & 141 (Four Tests)
112	Spider and Scrapie Codons 171, 136, 141 & 154 (Five Tests)

Sample #	BGS Sample ID (Office Use Only)	Customer Sample Identification	Sex	Breed	Test Code
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

Warranty and Liability Limitations

All analyses reported by Biogenetic Services, Inc. are based on a representative sample provided by our customers. Therefore, the results provided are representative only of the sample analyzed at a particular point in time. Biogenetic Services, Inc. makes no warranties, expressed or implied including warranty of ability to market a commodity or product based on analytical results provided by BGS. Liability for damage for any cause, including breach of contract or agreement (including estimated turnaround time), breach of warranty and negligence with respect to a test result is limited to a refund of the price of testing the sample. This remedy is exclusive and in no event shall BGS or any of its employees be held liable for any incidental or consequential damages including loss of sale or profits by our customers or their clients.

NOTE :

Reporting Method (check one)

Email []

Fax []

Mail []

BGS Office Use Only:	
Company #: _____	Date Rec'd: _____
Type of Sample: _____	



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Collection and Application of Nostril Swab Cell Sample Instructions

1. Label an Indicating FTA Card with appropriate sample identification.
2. Remove one Foam Applicator Swab from the protective packaging according to instructions.
3. Holding the plastic handle of the swab, place the foam tip in the nostril and swirl and gently rub the side of the nostril for 15 to 20 seconds. If the nostril is extremely dry you may need to swab the other nostril also. Remove the swab from the nostril.
4. Lift the paper cover of the Indicating FTA Card to expose the pink sample area. Press the flat surface of the foam Applicator tip within the sample circle area. Without lifting the foam tip from the card, squeeze the tip using a side-to-side motion (90° in each direction) three times to completely saturate the sample area. Turn the Applicator over and repeat with the other side of the foam tip within the same circle. The sample area will turn white indicating the transfer of sample. If the sample area does not turn white repeat this step.
5. Discard the swab.
6. Allow the card to air dry at room temperature and do not heat assist during the drying period.
7. After drying approximately one hour at room temperature place the card into a coin envelope. (FTA Cards and coin envelopes are available from Biogenetic Services, Inc. at our cost).
8. The sample is now ready for transport, processing and long term storage at room temperature in a dry environment.

Acceptable payment methods: Payment should be included with samples shipped in the USA. Payment must be received before work commences, unless other arrangements have been formally agreed to. We accept VISA and MasterCard. Payment for all other contracts must be received by credit card, wire transfer (preferred), money order or certified check before work commences.

Credit Card Payment: (Circle type): MasterCard or VISA (you may call or fax in this information)

Name: _____ Card Number: _____

Expiration date: _____ Signature: _____

Address: _____ City, State, Zip: _____

Telephone: _____

Make check or money order payable to Biogenetic Services, Inc.

Please contact BGS for shipping instructions for other types of samples (e.g. hair follicles, semen, and other tissues).



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Sample Shipping Instructions

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Blood Samples: Blood tubes

1. Collect at least 2cc of whole blood (not serum) in an EDTA (purple top) blood tube. The purple top tube has an anticoagulant to keep the blood from clotting. The blood in the tube must be mixed thoroughly by inverting 5 – 10 times. Label tube.
2. Use a new needle/syringe for each animal. Contaminated/mixed blood samples may result in invalid typing.
3. Place protected blood samples, packing slip, ice/gel pack and payment into a padded container.
Samples should not be frozen.
4. It is preferable to ship the samples at the beginning of the workweek to avoid sitting in transit over a weekend. If blood is collected late in the week it may be stored in a refrigerator and shipped as soon as possible. Second day shipping by U.S. Postal Service Priority Mail, Federal Express or UPS is appropriate.
5. Samples should be shipped within 7 days of collection. However, if longer storage is required, the DNA and the quality of the results will not be negatively affected.

Blood Samples: Blood Cards

1. Place a few drops of blood on the spot on the card. Allow card to air dry.
2. Blood can be collected using a new syringe for each animal and placing a drop of blood on the blood card spot. BGS recommends that only single spot cards be used for blood samples to prevent accidental mixing or contamination of blood samples. Contaminated or mixed blood samples may result in invalid testing. Blood may also be collected by pricking an ear with a clean razor blade or scalpel. Wipe the ear site with alcohol after collecting the blood on the card. Immediately after use, clean the razor blade with alcohol before using it on another animal. Use a new razor blade for each animal to be absolutely certain of no animal to animal contamination. Blood may also be collected on blood cards during tail docking. Use either the dock or tail for the blood source. We do not recommend using multiple spot blood cards for collecting blood from several animals on a single multispot card. The risk is too high for possible contamination or mixing. However, we will conduct the assays for customers who prefer to use multispot blood paper at their own risk.
3. Each single blood card (dried and labeled) should be placed individually in the provided coin envelope to avoid card to card transfer of blood and possible contamination. Do not label or seal the coin envelope.
4. Blood cards can be mailed in an envelope or small container (e.g. box) via regular mail. Use overnight mail, if rapid turnaround is required.
5. Single blood cards and current prices including shipping can be obtained directly from Biogenetic Services, Inc. simply by calling us at 1-800-423-4163.

Acceptable payment methods: Payment should be included with samples shipped in the USA. Payment must be received before work commences, unless other arrangements have been formally agreed to. We accept VISA and MasterCard. Payment for all other contracts must be received by credit card, wire transfer (preferred), money order or certified check before work commences.

Credit Card Payment: (Circle type): MasterCard or VISA (you may call or fax in this information)

Name: _____ Card Number: _____

Expiration date: _____ Signature: _____

Address: _____ City, State, Zip: _____

Telephone: _____

Make check or money order payable to Biogenetic Services, Inc.

Please contact BGS for shipping instructions for other types of samples (e.g. hair follicles, semen, and other tissues).