The Border Collie Society of America is assisting the Animal Health Trust ([www.aht.org.uk](http://www.aht.org.uk)) in the United Kingdom to estimate the frequency of the newly identified mutation for Sensory Neuropathy (SN) in Border Collies in the USA. DNA samples will also be tested for the mutations responsible for vitamin B12 Deficiency (Imerslund-Grasbeck Syndrome, IGS) and trapped neutrophil syndrome (TNS) to obtain an estimate of the frequency of those mutations in our population. To achieve the broadest possible sample of US Border Collies, we need to recruit at least 150 different dogs, with 300 unique parents. The Animal Health Trust will provide DNA testing for a reduced price of £20 (compared to normal £68 fee). Only one dog per owner may be enrolled in the study.

If you are interested in participating in this study please send the following information to Frances Hannan ([quamashbcs@yahoo.com](mailto:quamashbcs@yahoo.com)):

Dog’s registered name and number:

Dog’s age/DOB and sex:

Sire’s registered name and number:

Dam’s registered name and number:

Owner’s name:

Owner’s mailing address:

Owner’s email:

Owner’s telephone:

If your dog is selected for the study (based on unique parentage) you will be provided with a kit for DNA collection (simple cheek swab) once you have paid the test fee and US mail charges. After the DNA is collected you will send it directly to the UK Animal Health Trust at your own cost.

In the interest of the breed as a whole, we will accept samples from border collies that are registered with American Kennel Club (AKC), American Border Collie Association (ABCA), or other reputable registries. BCSA members will be given preference.