



THE KENNEL CLUB

ASSURED BREEDER SCHEME

BREED SPECIFIC REQUIREMENTS AND RECOMMENDATIONS INCLUDING HEALTH SCREENING

Updated May 2020

What is a requirement?

- Requirements are restricted to tests where an official Kennel Club scheme is in operation and the results are already recorded by Kennel Club systems and published online on Mate Select.
- Automated checks on both dam and sire are performed using Kennel Club records at the time of an Assured Breeder litter registration application and all health requirements must be fulfilled before any litter registrations can proceed.

What is a recommendation?

- ABS recommendations are expected to be conducted or followed and compliance will be checked by your Assessor at the time of a visit and as necessary thereafter.
- Recommendations can include anything that impacts the health or welfare of the breeding dogs or subsequent puppies.
- Recommendations do not have to be part of official Kennel Club schemes.

Why can I not find my breed on this list?

Any breed that does not appear on the list currently has no breed specific health screening requirements or recommendations within the Assured Breeder Scheme.

Do these requirements and recommendations only apply to the dog I own?

No, these apply to both dam and sire for every litter bred.

Where can I find out more about testing and screening schemes for my breeds?

For more information please visit the health section of the Kennel Club website: www.breedinformationcentre.org.uk

Who can I talk to about changing my breeds requirements and recommendations?

Requirements and Recommendations are added at the request of a breed club or clubs. Current contact details for all breed club secretaries are listed on the Kennel Club website: www.thekennelclub.org.uk/services/public/findaclub

Who can I contact for general enquiries about the Assured Breeder Scheme?

Further information can be obtained by emailing: abs@thekennelclub.org.uk or by calling **01296 318 540**.

The most up-to-date version will be found at:

www.assuredbreeders.org.uk

This list is subject to change

KEY TO OFFICIAL HEALTH SCREENING SCHEMES, DNA TESTS, BREED CLUB AND OTHER SCHEMES

Kennel Club Assured Breeders must participate in any breed health survey or reasonable health initiative in their breed(s).

Important Information for ALL breeds.

The below health tests (a to f) must be completed prior to mating.

- a) Hip scoring - should be conducted under the KC/BVA Hip Dysplasia Scheme.
- b) Elbow grading - should be conducted under the KC/BVA Elbow Dysplasia Scheme.
- c) Eye testing - should be carried out before breeding under the KC/BVA/ISDS Eye Scheme or the ECVO Scheme. Eye examinations should be within 12 months prior to the date of mating. Gonioscopy is a separate eye test (for predisposition to glaucoma) and, where relevant, should be repeated every 3 years and, for litter registration purposes, must be within 3 years prior to the date of mating.
- d) DNA tests - there are various official DNA testing schemes depending on the condition concerned. Where a DNA test is a requirement for a breed, both parents must have either been tested, or have proven hereditary clear status, with at least one parent being clear of the relevant condition.
- e) BAER testing - BAER (Brainstem Auditory Evoked Response) testing is most commonly conducted on litters aged between 5½ and 6½ weeks, but can also be conducted on adults. It provides an accurate indication of the hearing status of the individual dog, which can be either bilaterally deaf (hearing impaired in both ears), unilaterally deaf (hearing impaired in one ear) or unaffected (normal hearing in both ears). Individual dogs must be microchipped and KC registered prior to testing. There are a number of centres in the UK that offer BAER testing; a list can be found on the Kennel Club website.
- f) Kennel Club and University of Cambridge Respiratory Function Grading Scheme - the scheme tests for breathing ability (BOAS) and should be used for all breeding stock over the age of 12 months, and repeated every two years, for as long as the dog is being used for breeding. A number of regional assessors for the scheme can be found on the Kennel Club website.

DNA Testing

Breeders should never knowingly conduct matings that may produce puppies affected by a genetic condition which has a negative impact on health or welfare. Therefore, any dog or bitch which has an abnormal result (i.e. "Affected" or "Carrier") for any DNA test should only be mated to an individual which is known to be clear from that condition, either through genetic testing or by descent.

Coefficients of Inbreeding

All Assured Breeders should refer to inbreeding coefficient calculators to assist them in making balanced breeding decisions. Breeders can use the Kennel Club's Mate Select, or, if available, another database which contains more pedigree information. The inbreeding coefficient of the potential litter should be considered, rather than that of each individual parent. Current guidance is that, where possible, breeders should breed at or below the breed average inbreeding coefficient. Breeders should always take into consideration the number of generations used to produce the calculation and the number of offspring already sired by the male.

Breed	Requirements for Health Screening of Breeding Stock: Both the sire and dam of any litter registered by an Assured Breeder should have been screened as detailed below.	Recommendations for Health Screening of Breeding Stock:
Affenpinscher	None	Patella testing - breed club scheme
Afghan Hound*	None	Bitches under 2 years not to produce a litter
Airedale Terrier	Hip scoring	Bitches under two years not to be mated
Akita	Hip scoring	Eye Testing
Alaskan Malamute	1) Hip scoring 2) Eye Testing	1) Bitches not to be mated before third season 2) Bitches under two years not to produce a litter 3) Bitches not to produce more than one litter within a 12-month period 4) DNA test - Alaskan Malamute Polyneuropathy (AMPN) 5) DNA test - Cone Degeneration
Anatolian Shepherd Dog	Hip scoring	None
Australian Cattle Dog*	1) DNA test - prcd-PRA 2) Eye Testing	1) Hip scoring 2) Elbow grading 3) BAER testing (deafness)
Australian Shepherd	1) Hip scoring 2) DNA test - HC-HSF4 3) Eye Testing	1) Elbow grading 2) DNA test - CEA/CH 3) DNA test - MDR1 4) DNA test - prcd-PRA 5) DNA test - Cobalamin Malabsorption 6) Blood test for Pelger-Huet Anomaly
Basenji	None	Eye Testing
Basset Griffon Vendéen (Petit)*	1) DNA test - Primary Open Angle Glaucoma (POAG) 2) Eye Testing	None
Basset Hound*	1) Eye Testing - PLA (Gonioscopy) 2) Eye Testing	1) Elbow grading 2) Participation in the Basset Hound Health Group Health Certificate to at least Silver level
Bavarian Mountain Hound (Imp)	Hip scoring	1) Breed club aptitude test 2) Bitches under two years not to produce a litter
Beagle*	1) DNA test - Musladin-Lueke Syndrome 2) DNA Test Lafora's disease	1) DNA test - NCCD 2) Bitches under two years not to produce a litter
Bearded Collie	Hip scoring	1) DNA test - CEA 2) Eye Testing
Beauceron (Imp)	Hip scoring	1) Eye Testing 2) Bitches not to produce more than one litter within a 12-month period 3) Bitches under two years not to produce a litter 4) No puppy to leave the breeder before eight weeks
Bedlington Terrier*	Eye testing	DNA test - CT
Belgian Shepherd Dog	1) Hip scoring 2) Eye Testing	None
Bernese Mountain Dog	1) Hip scoring 2) Elbow grading	Bitches under two years not to produce a litter
Bichon Frise	Eye Testing	None
Border Collie	1) Hip scoring 2) Eye Testing	1) DNA test - CEA 2) DNA test - CL 3) DNA test - TNS 4) Eye Testing - PLA (Gonioscopy)
Border Terrier	None	DNA test - SLEM
Boston Terrier	1) Eye Testing 2) DNA test - HC-HSF4	None
Boxer	None	1) Hip scoring 2) Breed club - heart testing (aortic stenosis)
Bracco Italiano	None	1) Hip scoring 2) Elbow grading 3) Eye Testing
Braque D'Auvergne (IMP)*	Hip scoring	1) Eye Testing 2) Bitches under two years not to produce a litter
Briard*	1) Hip scoring 2) DNA test - CSNB 3) Eye Testing	None
Brittany	Hip scoring	None
Bull Terrier (Miniature)*	1) DNA test - PLL 2) Eye Testing	1) Breed club - heart testing 2) Breed club - kidney testing
Bull Terrier	None	1) BAER testing 2) Breed club - heart testing 3) Breed club kidney testing
Bulldog*	The Kennel Club and University of Cambridge Respiratory Function Grading Scheme	1) Bulldog Breed Council Health Scheme to at least Bronze level 2) DNA test - HUU
Bullmastiff*	Hip scoring	Elbow grading
Cairn Terrier	None	1) Eye Testing 2) Bile acid testing of puppies
Canaan Dog	None	1) Eye Testing 2) Hip scoring 3) Patella testing - breed club scheme 4) Check for cryptorchidism
Catalan Sheepdog	Hip scoring	Eye Testing
Cavalier King Charles Spaniel	1) Eye Testing 2) DNA test - EF 3) DNA test - CC/DE	1) Breed club - heart testing (mitral valve dysplasia) 2) BVA/KC CM/SM Syringomyelia test
Cesky Terrier	None	Eye Testing
Chinese Crested	None	1) DNA test - PLL 2) DNA test - prcd-PRA
Chow Chow	None	1) Hip scoring 2) Elbow grading 3) Eye Testing 4) Chow Chow Breed Council Bronze Health Assessment

Breed	Requirements for Health Screening of Breeding Stock:	Recommendations for Health Screening of Breeding Stock:
Cirneco dell'Etna	None	1) No stud dog to be used under 18 months of age 2) No stud dog to be used on a bitch of less than two years of age 3) Bitches under two years not to be mated
Collie (Rough)	1) Hip scoring 2) Eye Testing	1) DNA test - CEA 2) DNA test - MDR1
Collie (Smooth)	Eye Testing	1) Hip scoring 2) DNA test - CEA 3) DNA test - MDR1 4) Litter screening for CEA
Dachshund (Miniature Long-haired)*	1) DNA test - GPRA (cord 1) 2) Eye Testing	None
Dachshund (Miniature Smooth-haired)	DNA test - GPRA (cord 1)	None
Dachshund (Miniature Wire-haired)	1) DNA test - GPRA (cord 1) 2) DNA test - Lafora's disease	None
Dalmatian	BAER testing (deafness)	1) Hip scoring 2) Bitches under two years not to produce a litter 3) Bitches not to produce more than one litter within a 12-month period
Dandie Dinmont Terrier*	Eye Testing	None
Deerhound	None	Litters to be screened for liver shunt prior to being sold
Dobermann*	1) Hip scoring 2) DNA test - vWD 3) Eye Testing	None
Dogue de Bordeaux	Hip scoring	None
English Setter*	Hip scoring	Bitches under 2 years not to produce a litter
English Toy Terrier (Black & Tan)	None	1) Breed club - patella luxation 2) BAER testing (deafness)
Estrela Mountain Dog	Hip scoring	None
Eurasier	Hip scoring	1) Elbow grading 2) Patella testing - breed club scheme
Fox Terrier (Smooth)*	Eye Testing	None
Fox Terrier (Wire)*	Eye Testing	None
Finnish Lapphund	1) Hip scoring 2) Eye Testing	DNA test - prcd-PRA
French Bulldog*	1) The Kennel Club and University of Cambridge Respiratory Function Grading Scheme 2) Eye Testing	1) DNA test - HC-HSF4 2) Participation in French Bulldog Health Scheme 3) DNA test - Degenerative Myelopathy (DM)
German Shepherd Dog*	1) Hip scoring 2) Eye Testing	1) Elbow grading 2) Breed club - haemophilia testing for males 3) Bitches under two years not to produce a litter 4) No stud dog to be used under 18 months of age 5) DNA test - DM (CDRM)
German Shorthaired Pointer	Hip scoring	Bitches under two years not to produce a litter
German Spitz (Klein)	None	Eye Testing
German Spitz (Mittel)	None	Eye Testing
German Wirehaired Pointer	1) Hip scoring 2) Genetic status of breeding stock with respect to vWD should be known, either by direct DNA testing or by inference from parental DNA test results	None
Giant Schnauzer	Eye Testing	1) Hip scoring 2) Eye Testing (litter screening)
Glen of Imaal Terrier*	1) DNA test - PRA (crd3) 2) Eye Testing	None
Gordon Setter*	1) Hip scoring 2) DNA test - PRA (rcd4) 3) Eye Testing	Bitches under 21 months not to produce a litter
Great Dane	None	1) Hip scoring 2) Breed club - heart testing (cardiomyopathy) 3) Bitches under two years not to produce a litter
Hamiltonstovare	None	1) Bitches under two years not to produce a litter 2) Bitches not to produce more than one litter within a 12-month period
Hovawart	Hip scoring	Breed club - thyroid function test
Hungarian Puli*	1) Hip scoring 2) Eye Testing	Bitches under 18 months not to be mated
Hungarian Vizsla*	1) Hip scoring 2) Eye Testing	1) Bitches under two years not to produce a litter 2) Bitches not to produce more than one litter within a 12-month period
Hungarian Wirehaired Vizsla	Hip scoring	1) Bitches under two years not to produce a litter 2) Bitches not to produce more than one litter within a 12-month period
Irish Red & White Setter	1) Eye Testing 2) DNA test - CLAD 3) DNA test - vWD	Hip scoring
Irish Setter*	1) Hip scoring 2) DNA test - CLAD 3) DNA test - PRA (rcd1) 4) DNA Test - PRA (rcd4) 5) Eye Testing	Bitches under two years not to produce a litter

Breed	Requirements for Health Screening of Breeding Stock:	Recommendations for Health Screening of Breeding Stock:
Irish Wolfhound*	Eye Testing	1) Breed club - liver shunt testing of all puppies prior to being sold 2) All hounds used for breeding take part annually in a heart testing scheme approved by the Irish Wolfhound Club: the minimum requirement being examination by stethoscope, ECG and ultrasound scan 3) Bitches under two years not to produce a litter 4) Bitches over six years not to produce a litter 5) Bitches not to produce more than one litter within a 12-month period
Italian Spinone	1) Hip scoring 2) DNA (linkage) test - CA	Bitches under two years not to produce a litter
Jack Russell Terrier	None	1) DNA test - LOA 2) DNA test - PLL 3) DNA test - SCA 4) Eye Testing
Japanese Shiba Inu*	1) Eye Testing - PLA (Gonioscopy) 2) Eye Testing	None
Keeshond	DNA test - PHPT	None
Korthals Griffon (Imp)	None	1) Hip scoring 2) Elbow grading
Lagotto Romagnolo	DNA test - Juvenile Epilepsy (JE)	1) Hip scoring 2) Elbow grading 3) DNA test - Lysosomal Storage Disease (LSD) 4) Eye Testing
Lancashire Heeler	1) Eye Testing 2) DNA test - PLL	DNA test - CEA
Large Munsterlander	1) Hip scoring 2) Eye Testing	None
Leonberger	1) Hip scoring 2) Eye Testing 3) Eye Testing - PLA (Gonioscopy) 4) Elbow Grading	1) Bitches under two years not to produce a litter 2) DNA test - LPN1 3) DNA test - LPN2 4) DNA test - LEMP
Lhasa Apso*	1) DNA test - PRA4 2) Eye Testing	None
Manchester Terrier	DNA test - vWD	None
Maremma Sheepdog	Hip scoring	None
Mastiff	Hip scoring	1) Elbow grading 2) Bitches under 20 months not to produce a litter 3) Bitches over six years not to produce a litter
Miniature Schnauzer*	1) Eye Testing 2) DNA test - MAC	Eye testing (litter screening)
Neapolitan Mastiff	None	1) Hip scoring 2) Eye Testing 3) Seek breed club advice on heart testing
Newfoundland	1) Hip scoring 2) DNA test - Cystinuria (CU) 3) Elbow grading	1) Breed club - heart testing 2) Bitches under two years not to produce a litter 3) Bitches over seven years not to produce a litter
Norwegian Buhund	1) Hip scoring 2) Eye Testing	None
Norwegian Elkhound*	1) Hip scoring 2) DNA test - prcd-PRA 3) Eye Testing	None
Old English Sheepdog	1) Hip scoring 2) Eye Testing	DNA test - PCD
Otterhound	1) Hip scoring 2) Elbow grading	Breed club - advice on epilepsy/fitting
Papillon*	1) DNA test - pap-PRA1 2) Eye Testing	Patella testing - breed club scheme
Parson Russell Terrier*	1) DNA test - PLL 2) DNA test - Late Onset Ataxia (LOA) 3) DNA test - Spinocerebellar Ataxia (SCA) 4) Eye Testing	None
Pharaoh Hound	None	Patella testing under breed club scheme
Polish Lowland Sheepdog	Hip scoring	None
Poodle (Miniature)*	1) DNA test - prcd-PRA 2) Eye Testing	None
Poodle (Standard)	1) Hip scoring 2) Eye Testing	Breed club - sebaceous adenitis testing
Poodle (Toy)*	1) DNA test - prcd-PRA 2) Eye Testing	None
Pug*	The Kennel Club and University of Cambridge Respiratory Function Grading Scheme	1) Hemivertebrae (HV) checking of parents by x-ray after 12 months of age 2) Patella testing - breed club scheme 3) Participation in the Five Star Health Scheme or National Pug Health Scheme
Pyrenean Mastiff	None	1) Hip scoring 2) Eye Testing
Pyrenean Mountain Dog	Hip scoring	None
Pyrenean Sheepdog	None	1) Hip scoring 2) Breed club - heart testing (puppies) for Patent Ductus Arteriosus (PDA)
Retriever (Chesapeake Bay)	1) Hip scoring 2) Eye Testing	DNA test - prcd-PRA
Retriever (Curly Coated)	Hip scoring	None
Retriever (Flat Coated)*	1) Hip scoring 2) Eye Testing - PLA (Gonioscopy) 3) Eye Testing	1) Bitches under two years not to produce a litter 2) Bitches not to produce more than three litters in their lifetime 3) Bitches not to produce more than one litter within a 12-month period
Retriever (Golden)*	1) Hip scoring 2) Eye Testing 3) Elbow grading	1) Bitches under 18 months not to produce a litter 2) Bitches not to produce more than one litter within a 12-month period

Breed	Requirements for Health Screening of Breeding Stock:	Recommendations for Health Screening of Breeding Stock:
Retriever (Labrador)*	1) Hip scoring 2) Eye Testing 3) Elbow grading	DNA test - prcd-PRA
Retriever (Nova Scotia Duck Tolling)*	1) Hip scoring 2) DNA test - prcd-PRA 3) DNA test - CEA 4) DNA test - Degenerative Encephalopathy (DE) 5) Eye Testing	1) Bitches under two years not to produce a litter 2) Bitches not to produce more than one litter within a 12-month period 3) Dogs under two years not to be used at stud 4) DNA test - Degenerative Myelopathy (DM)
Rhodesian Ridgeback	Hip scoring	1) Breed club - dermoid sinus check (puppies) 2) Bitches under two years not to produce a litter 3) Bitches not to produce more than 3 litters in their lifetime 4) Bitches not to produce more than one litter within a 12-month period 5) Elbow grading
Rottweiler*	1) Hip scoring 2) Elbow grading 3) Eye Testing	1) Bitches under two years not to produce a litter 2) Bitches not to produce more than one litter within a 12-month period
Russian Black Terrier	1) Elbow grading 2) Hip scoring	1) Breeders should issue grooming advice 2) Bitches under two years not to produce a litter 3) DNA test - HUU
Saluki*	None	DNA test - Neuronal Ceroid Lipofuscinosis (NCL)
Samoyed	Hip scoring	1) Eye Testing 2) Breeders should issue grooming advice
Schipperke	None	DNA test - MPS IIIB
Sealyham Terrier*	1) DNA test - PLL 2) Eye Testing	None
Shar Pei*	Eye Testing	1) Bitches under two years not to produce a litter 2) DNA test - POAG/PLL
Shetland Sheepdog	Eye Testing	1) Hip scoring 2) DNA test - CEA
Siberian Husky	1) Hip scoring 2) Eye Testing 3) Eye Testing - PLA (Gonioscopy)	Breed club - Eye Testing
Slovakian Rough Haired Pointer (Imp)	None	1) Hip scoring 2) Bitches under two years not to produce a litter
Soft-Coated Wheaten Terrier	None	1) Hip scoring 2) Breed club - kidney function test 3) Eye Testing 4) Bitches under two years not to be mated
Spaniel (American Cocker)	1) Eye Testing 2) Eye Testing - PLA (Gonioscopy)	DNA test - prcd-PRA
Spaniel (Clumber)	1) Hip scoring 2) DNA test - EIC	1) DNA test - PDP1 2) Eye Testing
Spaniel (Cocker)*	1) Eye Testing 2) DNA test - prcd-PRA 3) DNA test - FN 4) DNA test - AMS	1) Hip scoring 2) Eye Testing - (PLA) Gonioscopy 3) DNA Test - AON
Spaniel (English Springer)	1) DNA test - PRA (cord 1) 2) Eye Testing 3) Eye Testing - PLA (Gonioscopy) 4) DNA test - Fuco	1) Hip scoring 2) DNA test - PFK 3) Bitches under 20 months not to produce a litter 4) Bitches not to produce more than one litter within a 12-month period
Spaniel (Field)	Hip scoring	1) Eye Testing 2) Bitches under 18 months not to produce a litter 3) Bitches not to produce more than one litter within a 12-month period 4) No stud dog to be used under 12 months of age 5) DNA of breeding stock to be held at the Animal Health Trust
Spaniel (Irish Water)*	1) Hip scoring 2) Elbow grading	Eye Testing
Spaniel (Sussex)	None	Hip scoring
Spaniel (Welsh Springer)*	1) Hip scoring 2) Eye Testing - PLA (Gonioscopy) 3) Eye Testing	None
Spanish Water Dog*	1) Hip scoring 2) Eye Testing - PLA (Gonioscopy) 3) DNA test - prcd-PRA 4) Eye Testing	1) Bitches under two years not to produce a litter 2) Bitches not to produce more than one litter within a 12-month period
St Bernard	Hip scoring	Bitches under two years not to produce a litter
Staffordshire Bull Terrier	1) Eye Testing 2) DNA test - HC-HSF4 3) DNA test - L2-HGA	Litter eye screening for PHPV
Swedish Vallhund*	1) Hip scoring 2) Eye Testing	DNA test - Retinopathy
Tibetan Mastiff	Hip scoring	Elbow grading
Tibetan Spaniel	Eye Testing	Bitches not to produce more than one litter within a 12-month period
Tibetan Terrier	1) Eye Testing 2) Hip scoring 3) DNA test - PLL 4) DNA test - NCL 5) DNA test - PRA (rcd4) 6) DNA test - PRA3	None
Weimaraner	Hip scoring	1) Bitches under two years not to produce a litter 2) Bitches not to produce more than one litter within a 12-month period
Welsh Corgi (Cardigan)*	1) DNA test - PRA (rcd3) 2) Eye Testing	None
Welsh Terrier	None	DNA Test - PLL

*Breeds marked with an asterisk are new additions to this list or have had a recent change to their Requirements and/or Recommendations. Existing Assured Breeders have a 6-month period of grace before compliance with new Requirements and/or Recommendations comes into effect.



THE KENNEL CLUB
Making a difference for dogs



THE KENNEL CLUB

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All information is correct at time of printing