

MCOA HEALTH TESTING AWARD

MCOA HEALTH TESTING AWARD CERTIFICATE

The MCOA (Mastiff Club of America) Health Testing Award is designed to promote the betterment of the Mastiff breed through health testing and publishing results through the Orthopedic Foundation of America (OFA). The program recognizes Mastiffs, owned by MCOA members, which have met specific health testing requirements.

To receive an MCOA Health Testing Award, all results must be submitted to OFA and verifiable on the OFA website based on the criteria outlined below*. Note: All results will qualify.

The certificate is valid only for the time period that the Companion Animal Eye Registry (CAER) certificate is in effect and will expire on the CAER expiration date.

All information will be verified in the OFA database before a certificate is awarded or renewed.

The owner who applies for the Health Testing Award will receive the MCOA Health Testing Award Certificate. It is up to the owner to send copies to co-owners and/or breeders. Additional original duplicates of a certificate may be purchased by the owner for \$5.00 each.

The MCOA Health Testing Award can be renewed by the owner each year until the recipient meets the requirements for a permanent award. To renew the health testing award or apply for a permanent health testing award, an owner must submit a Health Testing Award Application.

MCOA HEALTH TESTING AWARD REQUIREMENTS

In order for a Mastiff to be honored with a MCOA Health Testing Award, they must have at least one owner that has been an active MCOA member for a minimum of 9 months during the year in which the award is earned and is a current MCOA member. All owner(s) who are MCOA members must be in good-standing (abide by the MCOA Code of Ethics), regardless of whether said Mastiff lives with (or is under the control of) the non-member or the MCOA member.

The MCOA Health Committee will present a MCOA Health Testing Award Certificate to the owner of a Mastiff who has the following health testing verifiable in OFA's public database:

- Canine Multifocal Retinopathy Type 1 (CMR) DNA
- OFA Basic Cardiac (must be performed by a veterinary cardiologist) or OFA Advanced Cardiac
- Cystinuria-Associated Marker (Type 3) DNA
- University of Pennsylvania (PennGen) Cystinuria Urine (intact males only) – Nitroprusside test*
- Degenerative Myelopathy (DM)
- OFA Elbows
- Companion Animal Eye Registry (CAER) certified eyes
- OFA Hips or PennHip
- OFA Patellar Luxation
- Permanent identification via Microchip or Tattoo
- Progressive Retinal Atrophy (PRA) DNA
- OFA Thyroid Panel (Approved OFA Thyroid Lab)

Permanent Health Testing Award:

CAER, OFA Basic Cardiac or OFA Advanced Cardiac, and Thyroid at 6 years of age or older.

To apply for a MCOA Health Testing Award, fill out the Health Testing Award Application Form.

* - The Nitroprusside test result cannot be submitted to OFA. The test result must be included with application.

ADDITIONAL HEALTH TESTING AWARD REQUIREMENT DETAILS

1. CMR DNA, Cystinuria DNA, and PRA DNA tests and permanent identification can be performed at any age
2. OFA Patellas at or after twelve (12) months of age
3. OFA Basic Cardiac to be performed by a veterinary cardiologist or Advanced Cardiac at or after twelve (12) months of age. Since veterinary cardiologists have extensive training listening to the heart and can hear things that a general practitioner may not be able to hear, the Health Testing Award will only accept OFA Basic Cardiac testing that has been performed by a veterinary cardiologist
4. OFA Thyroid at or after twenty-two (22) months of age
5. OFA Hips and Elbows and PennHIP to be based on x-rays taken at or after twenty-four (24) months of age
6. CAER must be within one year of submitting all testing data and must be performed at or after twenty-four (24) months of age
7. CAER certifications must be sent to the Awards Committee annually to keep the health testing award current. OFA Basic or Advanced Cardiac, Cystinuria urine (intact males only), and OFA Thyroid are not required for renewals until the permanent award
8. Members living in the UK can test Hips and Elbows with the British Veterinary Association (BVA) through the Kennel Club (KC). Eye certification can be done through BVA, KC & International Sheep Dog Society (BVA/KC/ISDS)

MCOA HEALTH COMMITTEE RECOMMENDATIONS

- AKC DNA Parentage: AKC DNA Parentage is encouraged but not required
- Cardiac:
 - Listening for a heart murmur (termed auscultation) is one method of detecting heart disease (OFA Basic Cardiac). However, not all heart conditions are associated with heart murmurs and with this method alone some dogs with heart disease go undetected. The MCOA Health Committee recommends OFA Advanced Cardiac via echocardiogram. An Echocardiogram is the gold standard for diagnosing heart disease, whether it is congenital or acquired (adult-onset)
 - Adult-onset or developmental cardiac diseases develop later in life. Therefore, adult-onset clearances are only valid for one year from the time of the exam
 - Thyroid hormones can have a direct or indirect effect on the heart. The MCOA Health Committee recommends the alignment of Cardiac and Thyroid testing
- CHIC DNA Repository: The MCOA Health Committee strongly recommends having DNA banked in the CHIC DNA Repository (verifiable on OFA's public database). The CHIC (Canine Health Information Center) DNA Repository collects and stores canine DNA samples along with corresponding genealogical and phenotypic information to facilitate future research and testing aimed at reducing the incidence of inherited disease in dogs
- Cystinuria:
 - DNA: The MCOA Health Committee strongly recommends the use of PennGen, a not for profit genetic testing laboratory operated under the auspices of the University of Pennsylvania School of Veterinary Medicine, for Cystinuria-Associated Marker (Type 3) DNA testing. The University of Pennsylvania School of Medicine is conducting on-going Cystinuria research and is considered an authoritative source in the veterinary field. The MCOA Health Committee does not have a financial interest in the work being conducted by the University of Pennsylvania. The recommendation is driven to help with the collection of data and support on-going research for the betterment of the breed
 - Urine: Since the Cystinuria-Associated Marker (Type 3) DNA test is an "at risk" test, the MCOA Health Committee recommends following the recommendation made by Dr. Paula Henthorn (University of Pennsylvania): Nitroprusside urine testing for ALL intact males regardless of their DNA test results be done annually
- Thyroid:
 - The MCOA Health Committee recommends following testing guidance provided by OFA (Orthopedic Foundation for Animals): Since the majority of affected dogs will have autoantibodies by 4 years of age, annual testing for the first 4 years is recommended

HEALTH TESTING AWARD REQUIREMENTS CHECKLIST

Test	Initial Award	Renewal	Permanent
Canine Multifocal Retinopathy Type 1 (CMR): DNA	<ul style="list-style-type: none"> ✓ • At any age 		
Cardiac: OFA Basic Cardiac or OFA Advanced Cardiac	<ul style="list-style-type: none"> ✓ • Performed by veterinary cardiologist • At or after 12 months of age 		<ul style="list-style-type: none"> ✓ • Performed by veterinary cardiologist • At or after 6 years of age
Cystinuria: Cystinuria-Associated Marker (Type 3): DNA	<ul style="list-style-type: none"> ✓ • At any age 		
Cystinuria: University of Pennsylvania (PennGen) Cystinuria Urine – Nitroprusside test	<ul style="list-style-type: none"> ✓ • Intact males only 		<ul style="list-style-type: none"> ✓ • Intact males only • At or after 6 years of age
Degenerative Myelopathy (DM): DNA	<ul style="list-style-type: none"> ✓ • At any age 		
Elbows: OFA Elbows	<ul style="list-style-type: none"> ✓ • At or after 24 months of age 		
Eyes: Companion Animal Eye Registry (CAER) certified eyes	<ul style="list-style-type: none"> ✓ • Within one year of submitting all testing data • At or after 24 months of age 	<ul style="list-style-type: none"> ✓ • Retested annually 	<ul style="list-style-type: none"> ✓ • At or after 6 years of age
Hips: OFA Hips or PennHip	<ul style="list-style-type: none"> ✓ • At or after 24 months of age 		
Patellas: OFA Patellar Luxation	<ul style="list-style-type: none"> ✓ • At or after 12 months of age 		
Permanent identification	<ul style="list-style-type: none"> ✓ • Microchip or tattoo • At any age 		
Progressive Retinal Atrophy (PRA): DNA	<ul style="list-style-type: none"> ✓ • At any age 		
Thyroid: OFA Thyroid Panel	<ul style="list-style-type: none"> ✓ • At or after 22 months of age 		<ul style="list-style-type: none"> ✓ • Within one year of applying for permanent award • At or after 6 years of age

Mastiff Club of America, Inc.
Health Testing Award Application

Type or Print the following information and include a copy of requested documentation:

Name including title: _____

Sire: _____

Dam: _____

Birthdate (month/day/year): _____ AKC #: _____

Microchip / Tattoo #: _____ AKC DNA #: _____

Sex: _____ Intact? - Yes - No

Health Testing Information

Link to OFA Detail: _____

Cystinuria Nitroprusside Result (intact males only)[†]: _____

Owner Information:

Name: _____

Address: _____

City: _____

State: _____

Zip: _____

Phone: _____

Email: _____

Co-owner(s): _____

Breeder(s): _____

Send the completed application and copy of documentation to:

Emily Drew

10726 Cherrington St

Highlands Ranch, CO 80126

Phone: (303) 882-7520 **E-Mail:** em_drew@yahoo.com

[†] - Please include of copy of the Cystinuria Nitroprusside Test results