



**BEFUNDBOGEN DER HERZUNTERSUCHUNG**  
Certificate of cardiovascular examination Collegium Cardiologicum e.V.

Collegium Cardiologicum e.V.  
Tierärztliche Gesellschaft für Diagnostik  
erfährlicher Herzerkrankungen  
Kirschenwäldchen 12  
35578 Wehlar  
www.collegium-cardiologicum.de

CC Reg. Nr. Untersucher / reg. no. examiner

CC - 10

CC Reg. Nr. Untersuchung / reg. no. examination

Nr. 7241

Tier | animal

|   |                                 |  |   |   |  |
|---|---------------------------------|--|---|---|--|
| Name<br><small>name</small>                       | Figur Favorit vom Knüllgebirge  | Kontrolle der Identität<br><small>check of animal identity</small> | <input checked="" type="checkbox"/> Ja<br><input type="checkbox"/> Nein           | <input type="checkbox"/> Unklar<br><small>unclear</small>                                   | <input type="checkbox"/> Chip nicht lesbar<br><small>chip unreadable</small> |
| Rasse<br><small>breed</small>                     | Deutsche Dogge (gefleckt)       | Wurfdatum<br><small>date of birth</small>                          | Tag<br>29   | Monat<br>09   | Jahr<br>2009   |
| Zuchtverband<br><small>breeding club</small>      | Deutscher Doggen-Club 1888 e.V. | Gewicht in kg<br><small>weight in kg</small>                       | 82,000  |   |  |
| Zuchtbuch Nr.<br><small>breeding book no.</small> | 122925                          | Geschlecht<br><small>sex</small>                                   | <input checked="" type="checkbox"/> Männlich<br><input type="checkbox"/> Weiblich |   |  |
| Tätowier Nr.<br><small>marking no.</small>        |                                 | Zuchtuntersuchung<br><small>breeding examination</small>           | <input checked="" type="checkbox"/> Ja<br><input type="checkbox"/> Nein           | Erstuntersuchung<br><input checked="" type="checkbox"/> Ja<br><input type="checkbox"/> Nein |  |
| Mikrochip Nr.<br><small>microchip no.</small>     | 276094190031015                 | Klinische Symptome<br><small>clinical symptoms</small>             | <input type="checkbox"/> Ja<br><input checked="" type="checkbox"/> Nein           |   |  |

Eigentümer/Besitzer | owner/agent

|  |                 |                       |                      |  |  |
|--|-----------------|-----------------------|----------------------|--|--|
| Name<br><small>name</small>              | Michaela Beller |                       |                      |  |  |
| Adresse<br><small>address</small>        | Am Haken 14     |                       |                      |  |  |
| Land, PLZ<br><small>country, ZIP</small> | Land<br>DE      | Postleitzahl<br>34593 | Wohnort<br>Knüllwald |  |  |

Der Unterzeichnende bestätigt die Identität des vorgestellten Patienten und versichert, dass diesem keine Medikamente verabreicht wurden, die das Ergebnis einer Herzuntersuchung beeinflussen könnten. Er kennt die Bestimmungen des nationalen kardiologischen Untersuchungsprogramms seines Zuchtvereines und akzeptiert den Untersuchungsang des Collegium Cardiologicum e.V. und ist mit der Weiterleitung der Ergebnisse an beide Stellen und der Publikation einverstanden.  
The undersigned knows and agrees to the rules of the national breeding scheme and accepts the examination of CC e.V. and confirms that the animal submitted for examination is the one described above and is on no medication which influences the examination results. I am aware that the results will be retained for records and I authorize CC e.V. and my breeding club to publish the results.

04.11.13  
M.Beller  
Datum, Unterschrift Eigentümer/Besitzer  
date, signature owner/agent

Untersuchung | examination

|   |   |  |  |  |   |   |  |  |                                 |                                |
|---|---|--|--|--|---|---|--|--|---------------------------------|--------------------------------|
| 1. Auskultation<br><small>auscultation</small>        | Herzgeräusche<br><small>heart sounds</small>                          | <input type="checkbox"/> Ja<br><input checked="" type="checkbox"/> Nein    | <input type="checkbox"/> Systolisch<br><small>systolic</small>       | /6   | <input type="checkbox"/> Diastolisch<br><small>diastolic</small>            | /6  | <input type="checkbox"/> Kontinuierlich<br><small>continuous</small>                 | /6   | Puls<br><small>pulse</small>    | 100 /min                       |
| 2. EKG<br><small>ECG</small>                          | Sono-EKG<br><small>phonocardiogram</small>                            | HF<br><small>heart failure</small>   | 108 /min   | <input checked="" type="checkbox"/> Sinusrhythmus<br><small>sinus rhythm</small> | <input type="checkbox"/> Sinusarrhythmie<br><small>sinus arrhythmia</small> | <input checked="" type="checkbox"/> Normal<br><small>normal</small> | <input type="checkbox"/> Auffällige Arrhythmie<br><small>abnormal arrhythmia</small> |  |                                 |                                |
|   | Konventionelles EKG<br><small>conventional ECG</small>                | AV-Block Grad<br><small>AV block degree</small>                            | 1°<br><input type="checkbox"/>                                       | 2°<br><input type="checkbox"/>   | 3°<br><input type="checkbox"/>  | VES<br><small>ventricular extrasystoles</small>                     | /3 min   | SVES<br><small>supraventricular extrasystoles</small>  | /3 min                          |                                |
|   |   | Couplet<br><input type="checkbox"/>  | Triplet<br><input type="checkbox"/>                                  | Run<br><input type="checkbox"/>  | VT<br><input type="checkbox"/>  | VHF<br><input type="checkbox"/>                                     | LBBB<br><input type="checkbox"/>   | RBBB<br><input type="checkbox"/>                       | Anderes<br><small>other</small> |                                |
| 3. 24h EKG<br><small>24h ECG</small>                  | Gesamtschläge<br><small>total beats</small>                           | /24h   | VES<br><small>VES</small>  | /24h   | SVES<br><small>SVES</small>   | /24h  | Couplet<br><input type="checkbox"/>  | Triplet<br><input type="checkbox"/>                    | Run<br><input type="checkbox"/> | VT<br><input type="checkbox"/> |
| 4. Echokardiologie<br><small>echocardiography</small> | HF<br><small>HF</small>   | 110 /min   |  |  |   |   |  |  |                                 |                                |
| M-Mode  | Linkes Atrium/Aorta<br><small>left atrium/aorta</small>               | LA <sub>s</sub>  | 30,0 mm  | AO <sub>d</sub>  | 39,5 mm   | LA <sub>s</sub> /AO <sub>d</sub>                                    | 0,76   | EPSS<br><small>EPSS</small>                            | 7,2 mm                          |                                |
|   | Systolische Zeitintervalle<br><small>systolic time intervals</small>  | PEP<br><small>PEP</small>  | 32 msec  | LVET<br><small>LVET</small>  | 130 msec  | PEP/LVET<br><small>PEP/LVET</small>                                 | 0,25   | LVEDD <sub>N</sub><br><small>LVEDD<sub>N</sub></small> | 1,53                            |                                |
|   | Linker Ventrikel/Teichholz<br><small>left ventricle/teichholz</small> | <input checked="" type="checkbox"/> Längsachse<br><small>long axis</small> | <input type="checkbox"/> Kurzachse<br><small>short axis</small>      |  |   |   |  |  |                                 |                                |
|   | IVS <sub>d</sub><br><small>IVS<sub>d</sub></small>                    | 11,5 mm  | LV <sub>d</sub><br><small>LV<sub>d</sub></small>                     | 56,0 mm  | LV <sub>W</sub><br><small>LV<sub>W</sub></small>                            | 11,0 mm   | EDV <sub>i</sub><br><small>EDV<sub>i</sub></small>                                   | 81,4 ml/m <sup>2</sup>                                 | EF<br><small>EF</small>         | 61,7 %                         |
|   | IVS <sub>s</sub><br><small>IVS<sub>s</sub></small>                    | 16,1 mm  | LV <sub>D</sub><br><small>LV<sub>D</sub></small>                     | 37,2 mm  | LV <sub>W</sub><br><small>LV<sub>W</sub></small>                            | 16,1 mm   | ESV <sub>i</sub><br><small>ESV<sub>i</sub></small>                                   | 31,2 ml/m <sup>2</sup>                                 | FS<br><small>FS</small>         | 33,6 %                         |
| 2D (B-Mode)   | Längsachse<br><small>long axis</small>                                | LA <sub>s</sub>  | 53,5 mm  | RA <sub>s</sub>  | 39,0 mm   | RV <sub>d</sub>   | 31,0 mm  |  |                                 |                                |
|   | Kurzachse<br><small>short axis</small>                                | LA   | 47,1 mm  | AO   | 33,7 mm   | LA/AO   | 1,40   |  |                                 |                                |
|   | Linker Ventrikel/Simpson<br><small>left ventricle/Simpson</small>     | <input type="checkbox"/> Links<br><small>left</small>                      | <input checked="" type="checkbox"/> Rechts<br><small>right</small>   | EDV <sub>i</sub><br><small>EDV<sub>i</sub></small>                               | 101,2 ml/m <sup>2</sup>   | ESV <sub>i</sub><br><small>ESV<sub>i</sub></small>                  | 48,5 ml/m <sup>2</sup>   | EF<br><small>EF</small>                                | 52,0 %                          |                                |
| Doppler   | Aorta<br><small>aorta</small>   | Subcostal<br><small>subcostal</small>                                      | /m/sec   | Parasternal<br><small>parasternal</small>  | 1,41 /m/sec   | Makroskopische Veränderungen<br><small>macroscopic changes</small>  |  |  |                                 |                                |
|   | Insuffizienz<br><small>insufficiency</small>                          | <input type="checkbox"/> Geringgradig<br><small>low grade</small>          | <input type="checkbox"/> Mittelgradig<br><small>medium grade</small> | <input type="checkbox"/> Hochgradig<br><small>high grade</small>                 | <input type="checkbox"/> Ja<br><input checked="" type="checkbox"/> Nein     |   |  |  |                                 |                                |
|   | Arteria pulmonalis<br><small>pulmonary artery</small>                 | Links<br><small>left</small>   | /m/sec   | Rechts<br><small>right</small>   | 1,19 /m/sec   | Makroskopische Veränderungen<br><small>macroscopic changes</small>  |  |  |                                 |                                |
|   | Insuffizienz<br><small>insufficiency</small>                          | <input type="checkbox"/> Geringgradig<br><small>low grade</small>          | <input type="checkbox"/> Mittelgradig<br><small>medium grade</small> | <input type="checkbox"/> Hochgradig<br><small>high grade</small>                 | <input type="checkbox"/> Ja<br><input checked="" type="checkbox"/> Nein     |   |  |  |                                 |                                |
|   | Mitralis<br><small>mitral valve</small>                               | <input type="checkbox"/> SAM<br><small>SAM</small>                         | Prolaps<br><small>prolapse</small>                                   | /mm  | Makroskopische Veränderungen<br><small>macroscopic changes</small>          |   |  |  |                                 |                                |
|   | Insuffizienz<br><small>insufficiency</small>                          | <input type="checkbox"/> Geringgradig<br><small>low grade</small>          | <input type="checkbox"/> Mittelgradig<br><small>medium grade</small> | <input type="checkbox"/> Hochgradig<br><small>high grade</small>                 | <input type="checkbox"/> Ja<br><input checked="" type="checkbox"/> Nein     |   |  |  |                                 |                                |
|   | Trikuspidalis<br><small>tricuspid valve</small>                       | TR<br><small>TR</small>  | /m/sec   | Makroskopische Veränderungen<br><small>macroscopic changes</small>               |   |   |  |  |                                 |                                |
|   | Insuffizienz<br><small>insufficiency</small>                          | <input type="checkbox"/> Geringgradig<br><small>low grade</small>          | <input type="checkbox"/> Mittelgradig<br><small>medium grade</small> | <input type="checkbox"/> Hochgradig<br><small>high grade</small>                 | <input type="checkbox"/> Ja<br><input checked="" type="checkbox"/> Nein     |   |  |  |                                 |                                |

Ergebnisse 1.-4. | results of cardiovascular examination 1.-4.

|  |   |  |  |                                      |   |   |
|--|---|--|--|--------------------------------------|---|---|
| Kongenitale Herzerkrankungen<br><small>congenital heart diseases</small> | Aortenstenose AS<br><small>aortic stenosis</small>      | <input checked="" type="checkbox"/> 0 frei<br><input type="checkbox"/> 1 Übergang<br><input type="checkbox"/> 2 geringgradig<br><input type="checkbox"/> 3 mittelgradig<br><input type="checkbox"/> 4 hochgradig           | Subvalvular<br><input type="checkbox"/>  | Valvular<br><input type="checkbox"/> | Supravalvular<br><input type="checkbox"/> | Hypoplastisch<br><input type="checkbox"/> |
|  | Pulmonalstenose PS<br><small>pulmonary stenosis</small> | <input checked="" type="checkbox"/> 0 frei<br><input type="checkbox"/> 1 Übergang<br><input type="checkbox"/> 2 geringgradig<br><input type="checkbox"/> 3 mittelgradig<br><input type="checkbox"/> 4 hochgradig           | Subvalvular<br><input type="checkbox"/>  | Valvular<br><input type="checkbox"/> | Supravalvular<br><input type="checkbox"/> | Hypoplastisch<br><input type="checkbox"/> |
|  | Sonstige<br><small>other</small>                        | <input type="checkbox"/> VSD<br><input type="checkbox"/> ASD<br><input type="checkbox"/> MD<br><input type="checkbox"/> TD<br><input type="checkbox"/> PDA<br><input type="checkbox"/> FT<br><input type="checkbox"/> DCRV |  |                                      |   |   |
| Erworbene Herzerkrankungen<br><small>acquired heart diseases</small>     | Kardiomyopathien<br><small>cardiomyopathies</small>     | Dilatative Kardiomyopathie DKM<br><small>dilatative cardiomyopathy</small>   | <input checked="" type="checkbox"/> 0 kein Hinweis<br><input type="checkbox"/> 1 vorläufig frei<br><input type="checkbox"/> 2 okkult, verborgen<br><input type="checkbox"/> 3 manifest, klinisch |                                      |   |   |
|  | Sonstige<br><small>other</small>                        | <input type="checkbox"/> ARVC<br><input type="checkbox"/> HKM  |  |                                      |   |   |
|  | Klappenkrankungen<br><small>valvular diseases</small>   | Mitralis<br><small>mitralis</small>  | <input checked="" type="checkbox"/> 0 keine<br><input type="checkbox"/> 1 geringgradig<br><input type="checkbox"/> 2 mittelgradig<br><input type="checkbox"/> 3 hochgradig                       | Anderes<br><small>other</small>      |   |   |
|  |   | Trikuspidalis<br><small>tricuspidalis</small>  | <input checked="" type="checkbox"/> 0 keine<br><input type="checkbox"/> 1 geringgradig<br><input type="checkbox"/> 2 mittelgradig<br><input type="checkbox"/> 3 hochgradig                       |                                      |   |   |
|  | Sonstige<br><small>other</small>                        | <input type="checkbox"/> CMVD<br><input type="checkbox"/> AI<br><input type="checkbox"/> PI<br><input type="checkbox"/> PHT  |  |                                      |   |   |

Beurteilung | judgement

|  |   |  |
|--|---|--|
| <input checked="" type="checkbox"/> 0 keine oder minimale kardiovaskuläre Veränderungen<br><small>no or minimal cardiovascular changes</small> | Nachuntersuchung in<br><small>re-examination in</small>   | <input type="checkbox"/> 12 Monaten<br><input type="checkbox"/> 18 Monaten<br><input checked="" type="checkbox"/> 24 Monaten |
| <input type="checkbox"/> 1 leichtgradige kardiovaskuläre Veränderungen<br><small>slight cardiovascular changes</small>                         | Der Untersucher hat das oben genannte Tier nach den Richtlinien des Zuchtvereines und dem Untersuchungsang des CC e.V. heute selbst untersucht.<br><small>The undersigned has examined the above mentioned animal today for the breeding program using the examination guidelines of Collegium Cardiologicum e.V.</small> |  |
| <input type="checkbox"/> 2 mittelgradige kardiovaskuläre Veränderungen<br><small>moderate cardiovascular changes</small>                       | 04.11.13<br>M.Beller<br>Datum, Unterschrift und Stempel Untersucher<br><small>date, signature, stamp owner/agent</small>  |  |
| <input type="checkbox"/> 3 hochgradige kardiovaskuläre Veränderungen<br><small>severe cardiovascular changes</small>                           |   |  |

Über die Zuchttauglichkeit entscheidet nur der Züchtervein.  
The decision if the animal is suitable for breeding belongs to the breeding club.