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WISDOM PANEL™

Sample ID: DTCMJYH  
Test Date: 2/29/2024  
Optimal Selection - Canine

Emma  
Registration: N/A  
Breed: Doberman Pinscher  
Microchip Number: N/A

# DNA Test Report

## Health Conditions Known in This Breed

| Genetic Condition  | Gene    | Risk Variant | Copies | Result  |
|--|---------|--------------|--------|---------|
| Dilated Cardiomyopathy for Doberman Pinschers only, DCM4 risk variant (Linkage Test) | unknown | G>A          | 1      | Notable |
| Deafness and Vestibular Dysfunction (DINGS1), (Discovered in Doberman Pinscher)      | PTPRQ   | Insertion    | 0      | Clear   |
| Deafness and Vestibular Dysfunction (DINGS2), (Discovered in Doberman Pinscher)      | MYO7A   | G>A          | 0      | Clear   |
| Dilated Cardiomyopathy for Doberman Pinschers only, DCM1 risk variant                | PDK4    | Deletion     | 0      | Clear   |
| Dilated Cardiomyopathy for Doberman Pinschers only, DCM2 risk variant                | TTN     | C>T          | 0      | Clear   |
| Dilated Cardiomyopathy for Doberman Pinschers only, DCM3 risk variant (Linkage Test) | unknown | A>G          | 0      | Clear   |
| Von Willebrand's Disease, type 1   | VWF     | G>A          | 0      | Clear   |

American - Euro mix