

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

22 January 2010

**ORDER GRANTING CONFIDENTIAL TREATMENT
UNDER THE SECURITIES EXCHANGE ACT OF 1934**

CombiMatrix Corporation

File No. 1-33523 -- CF# 24417

CombiMatrix Corporation submitted an application under Rule 24b-2 requesting confidential treatment for information it excluded from the Exhibits to a Form 10-Q filed on November 13, 2009.

Based on representations by CombiMatrix Corporation that this information qualifies as confidential commercial or financial information under the Freedom of Information Act, 5 U.S.C. 552(b)(4), the Division of Corporation Finance has determined not to publicly disclose it. Accordingly, excluded information from the following exhibit will not be released to the public for the time period specified:

Exhibit 10.2 through November 13, 2014

For the Commission, by the Division of Corporation Finance, pursuant to delegated authority:

Timothy S. Levenberg
Special Counsel