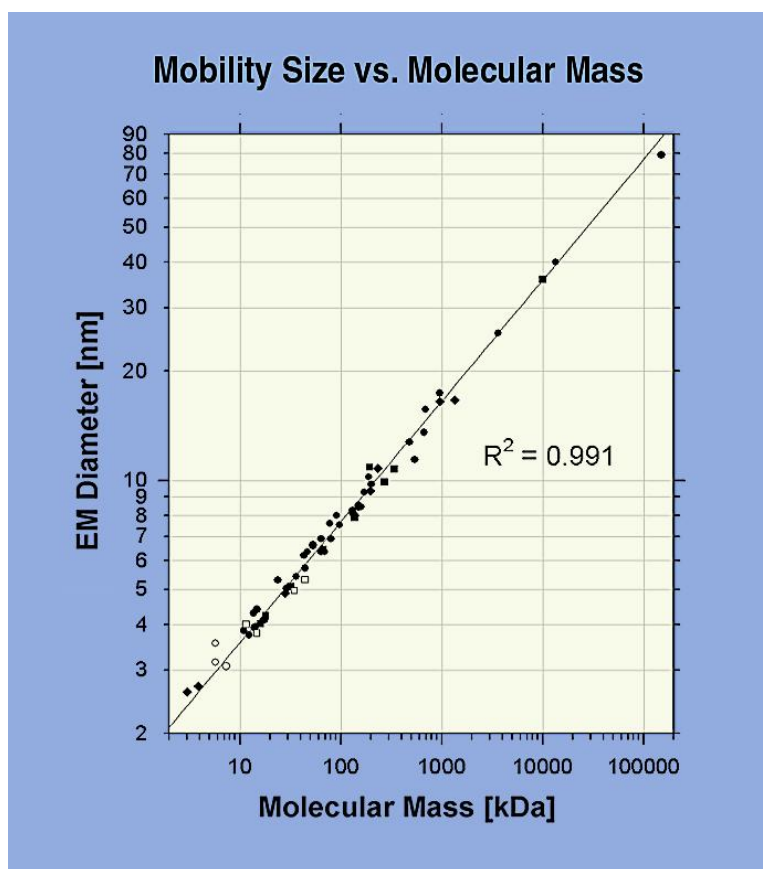


# CORRELATION OF EM DIAMETER WITH MOLECULAR WEIGHT

APPLICATION NOTE CHEMC-001

The Electrical Mobility (EM) Diameter measured by the *macroIMS*<sup>™</sup> technique is compared here with the known molecular weights of protein analyte molecules. The line represents a constant effective density with a correlation coefficient  $r^2 > 0.99$ . The data cover a molecular mass range of over 5 kDa to 100 MDa.





UNDERSTANDING, ACCELERATED

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