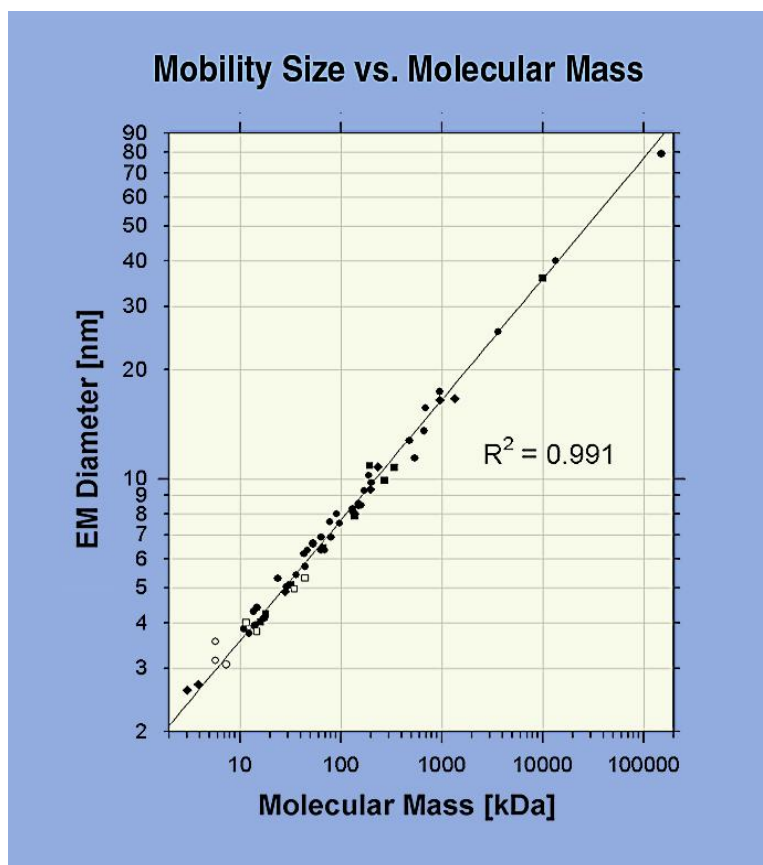


## Correlation of EM Diameter with Molecular Weight

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.



**TSI Incorporated** – 500 Cardigan Road, Shoreview, MN 55126 U.S.A

USA	Tel: +1 800 874 2811	E-mail: <a href="mailto:info@tsi.com">info@tsi.com</a>	Website: <a href="http://www.tsi.com">www.tsi.com</a>
UK	Tel: +44 149 4 459200	E-mail: <a href="mailto:tsiuk@tsi.com">tsiuk@tsi.com</a>	Website: <a href="http://www.tsiinc.co.uk">www.tsiinc.co.uk</a>
France	Tel: +33 491 11 87 64	E-mail: <a href="mailto:tsifrance@tsi.com">tsifrance@tsi.com</a>	Website: <a href="http://www.tsiinc.fr">www.tsiinc.fr</a>
Germany	Tel: +49 241 523030	E-mail: <a href="mailto:tsiqmbh@tsi.com">tsiqmbh@tsi.com</a>	Website: <a href="http://www.tsiinc.de">www.tsiinc.de</a>
India	Tel: +91 80 41132470	E-mail: <a href="mailto:tsi-india@tsi.com">tsi-india@tsi.com</a>	
China	Tel: +86 10 8260 1595	E-mail: <a href="mailto:tsibeijing@tsi.com">tsibeijing@tsi.com</a>	
Singapore	Tel: +65 6595 6388	E-mail: <a href="mailto:tsi-singapore@tsi.com">tsi-singapore@tsi.com</a>	



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