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ON THE COVER Unraveling DNA to predict disease risk. Is direct-to-consumer genetic testing accurate or are we “throwing the dice”? The genetic markers used and the intended use of the information provided vary among the companies that offer genetic testing services. How well do the results from genetic testing services agree? Should there be strict regulatory control or industry self-regulation? This issue of *Clinical Chemistry* contains both an original brief communication and an editorial that address direct-to-consumer genetic testing. (See pages 518 and 369.) ©Image reproduced with permission, iStockphoto. Contributor, Inok.

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