



PATHOLOGY ASSOCIATES
MEDICAL LABORATORIES

Table 1

Ethnic group	Detection rate	Estimated carrier risk	
		Before testing	After negative test
Ashkenazi Jewish	97%	1 in 29	~1 in 930
European Caucasian	80%	1 in 29	~1 in 140
African American	69%	1 in 65	~1 in 207
Hispanic American ^a	57%	1 in 46	~1 in 105
Asian American	B	1 in 90	b

^aThis is a pool set of data and requires additional information to accurately predict risk for specific Hispanic populations.

^bNo data available.

Note: Residual carrier risk after a negative test is modified by the presence of a positive family history of CF (i.e. having a first, second, or third degree relative affected with CF) and/or by admixture of various ethnic groups. For these specific situations, accurate risk assessment requires standard Bayesian analysis and genetic counseling. Data from Laboratory Standards and Guidelines for Population-based Cystic Fibrosis Carrier Screening. Genetics in Medicine 2001; vol3:149-154.