

**Table 1 Seroprevalence status of measles antibodies according to demographic factors**

Variable	Seronegative ( $< 200$ IU/ml)		Seropositive ( $\geq 200$ IU/ml)		$\chi^2$ test
	No.	% (95% CI)	No.	% (95% CI)	
<b>Age</b>					
< 12 months	37	43.5 (33.5–54.1)	48	56.5 (45.8–66.5)	2.19, df = 6, P < 0.05
12–18 months	2	8.7 (2.4–26.8)	21	91.3 (73.2–97.6)	
18 months–15 years	36	14.0 (10.2–18.7)	222	86.0 (81.3–89.7)	
15–20 years	48	34.0 (26.7–42.1)	93	66.0 (57.8–73.2)	
20–35 years	184	24.0 (21.1–27.1)	583	76.0 (72.8–78.9)	
35–40 years	9	3.8 (2.0–7.1)	225	96.2 (92.8–97.9)	
$\geq 40$ years	8	1.7 (0.8–3.2)	474	98.3 (96.7–99.1)	
<b>Gender</b>					
Male	172	16.8 (14.6–19.2)	846	83.2 (80.7–85.3)	0.58, df = 1, P < 0.44
Female	154	15.8 (13.6–18.2)	818	84.2 (81.8–86.4)	
<b>Nationality</b>					
Omani	307	17.5 (15.7–19.3)	1452	82.5 (80.7–84.2)	16.5, df = 1, P < 0.05
Expatriate	17	7.4 (4.6–11.4)	214	92.6 (88.5–95.3)	
<b>Governorate</b>					
Muscat	74	13.3 (10.7–16.3)	482	86.7 (83.6–89.2)	8.3, df = 10, P = 0.59
Dakhliyah	32	16.0 (11.6–21.7)	168	84.0 (78.3–88.4)	
Dhofar	36	19.1 (14.2–25.4)	152	80.9 (74.6–85.8)	
Dhahira	13	14.0 (8.3–22.4)	80	86.0 (77.5–91.6)	
Buraimi	17	16.7 (10.7–25.1)	85	83.3 (74.9–89.3)	
North Sharqiyah	19	14.7 (9.6–21.8)	110	85.3 (78.1–90.3)	
South Sharqiyah	22	17.3 (11.7–24.8)	105	82.7 (75.2–88.3)	
North Batinah	50	17.5 (13.5–22.3)	236	82.5 (77.7–86.5)	
South Batinah	42	19.0 (14.4–24.7)	179	81.0 (75.3–85.6)	
Al Wustah	10	20.0 (11.2–33.0)	40	80.0 (66.9–88.7)	
Musandam	9	23.7 (13.0–39.2)	29	76.3 (60.8–87.0)	

CI = confidence interval.