

**S2 Table.** Data on patients with BOT providing sera for LMI profiling using MALDI-TOF

Sample identifier	Age (yr)	Pathology	Institution
BOT01	45	Chronic salpingitis	Ewha
BOT02	26	Cystic teratoma	Woman's
BOT03	62	Serous cystadenoma	University
BOT04	53	Chronic salpingitis	Mokdong
BOT05	45	Mucinous cystadenoma	Hospital
BOT06	36	Endometriosis	
BOT07	38	Acute serositis, chronic endometritis, cervicitis	
BOT08	29	Endometriosis	
BOT09	25	Mature cystic teratoma	
BOT10	54	Fibrothecoma	
BOT11	41	Serous cystadenoma	
BOT12	36	Endometriotic cyst	
BOT13	83	Serous cystadenoma	
BOT14	41	Endometriosis	
BOT15	39	Endometriosis	
BOT16	71	Abscess	
BOT17	49	Endometriosis	
BOT18	48	Paratubal cyst	
BOT19	34	Endometriosis	
BOT20	45	Endometriosis	
BOT21	21	Serous papillary adenofibroma	
BOT22	45	Mucinous cystadenoma	
BOT23	73	Solitary fibrous tumor	
BOT24	43	Endometriosis	
BOT25	42	Endometriosis	
BOT26	52	<i>Pseudomyxoma peritonei</i> , small serous cystadenoma	
BOT27	62	Serous cystadenoma	
BOT28	55	Serous cystadenoma	
BOT29	36	Endometriotic cyst	
BOT30	24	Endometriotic cyst	
BOT31	36	Endometriosis	
BOT32	45	Endometriosis	
BOT33	23	Mature cystic teratoma	
BOT34	42	Serous cystadenofibroma	
BOT35	33	Endometriotic cyst	
BOT36	31	Endometriotic cyst	
BOT37	30	Mature cystic teratoma	
BOT38	56	Serous cystadenoma	
BOT39	26	Mature cystic teratoma	
BOT40	29	Endometriosis	
BOT41	60	Serous cystadenoma	
BOT42	31	Mature cystic teratoma	
BOT43	58	Serous cystadenoma	
BOT44	31	Endometriosis with focal degenerative atypia	
BOT45	26	Mature cystic teratoma	
BOT46	34	Endometriosis	
BOT47	46	Serous cystadenoma	
BOT48	20	Cystic teratoma	
BOT49	36	Serous cystadenoma	
BOT50	43	Serous cystadenoma	
BOT51	34	Mucinous cystadenoma	
BOT52	54	Mucinous cystadenoma	
BOT53	30	Serous cystadenofibroma	
BOT54	30	Mature cystic teratoma	
BOT55	72	Simple mesothelial cyst	
BOT56	25	Mature cystic teratoma	

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BOT, benign ovarian tumor; LMI, low-mass-ion; MALDI-TOF, matrix assisted laser desorption ionization-time of flight.