

TABLE I. Lowest provoking dose for commonly allergenic foods

	Physician or group	No. of patients	Nature of challenges (DB or SB)	Lowest provoking dose		Form
				Amount of food	Amount of protein	
Peanut	Hourihane	14	DB	4.3 mg	2 mg	PF†
	National Jewish	3	DB	10 mg	2.5 mg	Ground peanut
	Bindslev-Jensen and Mortz‡	5	DB	160 mg	40 mg	Ground peanut
	Bock	69	DB	50 mg	1.25 mg	Ground peanut
	Burks and Christie	10	DB	400 mg	100 mg	PB
	Lack	6	SB	500 mg	125 mg	Ground peanut
	Hill	100	Open	1 drop of PB	6 mg	PB
	Rance	74	DB	1 mg	0.25 mg	Ground peanut
	Moneret-Vautrin #1	28	DB or SB	5 mg (SB), 10 mg (DB)	1.25 mg, 2.5 mg	Ground peanut
Egg	Moneret-Vautrin #2	9	DB or SB	265 mg	66 mg	Ground peanut
	Moneret-Vautrin #1	19	DB	2 mg	0.2 mg	EW§
	Moneret-Vautrin #2	8	DB or SB	265 mg	26.5 mg	EW§
	Bock	91	DB	20 mg		Dried EW or whole egg
	Bindslev-Jensen and Norgaard¶	7	DB	5 mg	0.65 mg	Whole egg¶ (raw)
	Burks and Christie	25	DB	400 mg	200 mg	Dried whole egg
	Hill	100	Open	0.02 mL	2 mg	EW (raw)
	Rance	38	DB	1 mg	0.13 mg	Whole egg (raw)
	Lack	13	SB	100 mg	10 mg	EW (cook)
	Lack	5	SB	200 mg	20 mg	EW (raw)
Milk	Bindslev-Jensen and Norgaard¶	3	DB	5000 mg	180 mg	Milk
	Hill	100	Open	0.02 mL	0.6 mg	Milk
	Bock	66	DB	2 mL	67 mg	NFDM
	Burks and Christie	21	DB	400 mg	140 mg	NFDM
	Rance	31	DB	0.5 mL	15 mg	Milk
	Lack	6	SB	5 mL	150 mg	Milk
	Moneret-Vautrin #1	6	DB or SB	1 mL (DB), 5 mL (SB)	30 mg, 150 mg	Milk
	Zeiger	56	DB	0.1 mL	1.5 mg	Formula#
	Host	15-A**	DB	5 mL	75 mg	Formula#
	Host	15-I**	DB	5 mL	75 mg	Formula#
Fish	Rance	6	DB	16 mg	Unknown††	Minced fish
	Moneret-Vautrin #1	4	DB or SB	15 mg (SB), 65 mg (DB)	Unknown	Minced fish
	Bindslev-Jensen and Hansen‡‡	14	DB	5 mg	Unknown	Minced cod
	Bindslev-Jensen and Hansen‡‡	14	DB	500 mg	Unknown	Minced mackerel
	Bindslev-Jensen and Hansen‡‡	14	DB	5 mg	Unknown	Minced herring
	Bindslev-Jensen and Hansen‡‡	14	DB	6000 mg	Unknown	Minced plaice
	Bock	8	DB	200 mg	Unknown	Minced fish
Mustard	Rance	15	DB	1 mg	0.3 mg	Ground mustard seed

DB, Double-blind; SB, single-blind; PF, Peanut flour; PB, peanut butter; EW, egg white; NFDM, nonfat dry milk.

†Peanut flour is assumed to contain 50% protein unless the value is specifically known.

‡Work conducted also with Charlotte Mortz, PhD.

§Liquid egg white has an average protein content of 10%; dried egg white has an average protein content of 90%.

¶Work conducted also with Astrid Norgaard, PhD.

¶¶Whole egg has an average of 13% protein on a liquid basis and 50% protein on a dry basis.

#Cows' milk formula is estimated to contain 15 g of milk protein per liter.

**Cows' milk allergy (A) or cows' milk intolerance (I).

††The protein content of the fish was not measured and may have been variable on the basis of the type of fish used.

‡‡Work conducted also with Tine Hansen, PhD.

attempt such an estimate. Because the experiments were usually designed for diagnostic purposes rather than for determination of the threshold dose, several experimental design elements may contribute to the difficulty in reach-

ing consensus on the basis of the current data set. Certainly, a variety of different protocols were used in the various clinics where the data were generated. Thus com-mingling of the data may not be entirely appropriate.