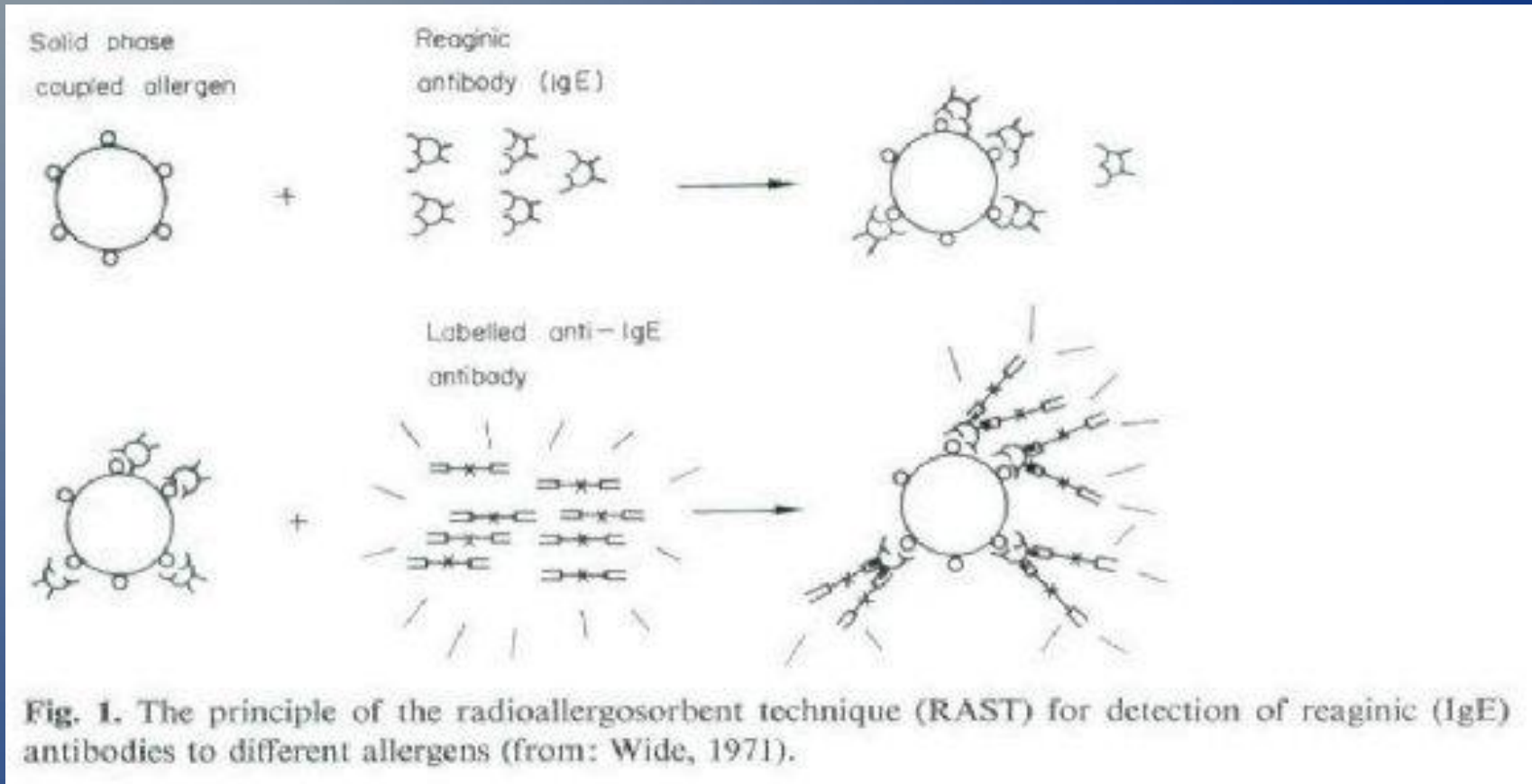


Radioallergosorbent (RAST) test

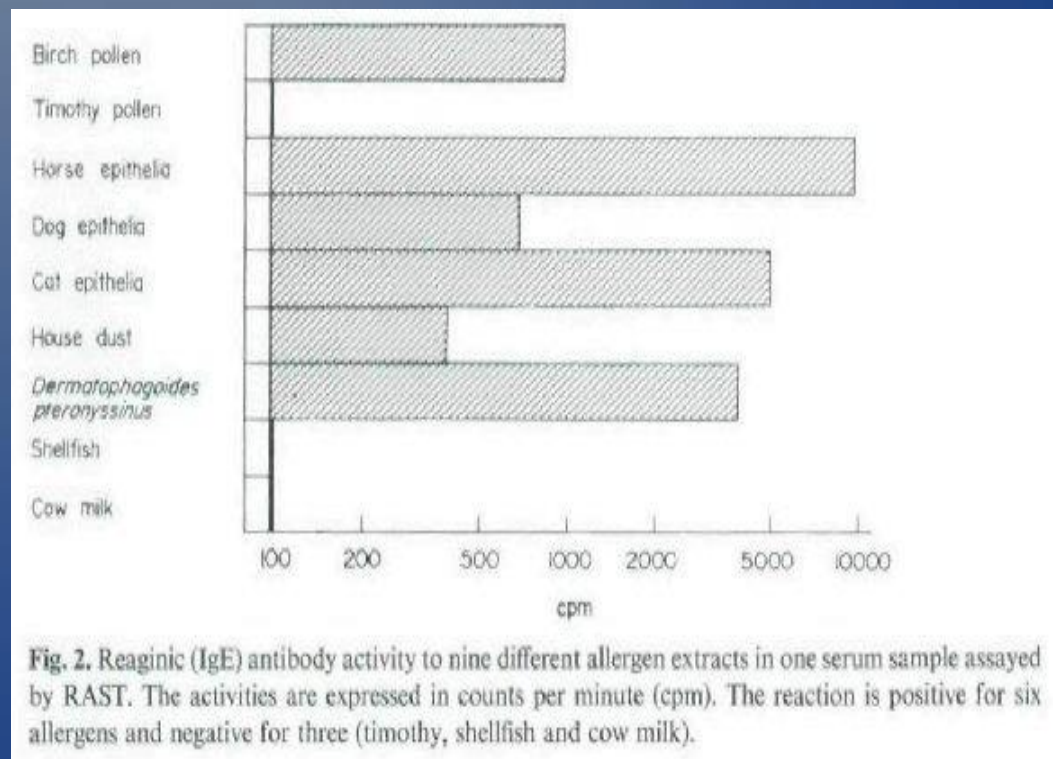
A blood test that measures specific antigen IgE levels in the serum.

RAST test mechanism



Taken from – Wide L. (1973). Clinical significance of measurement of reaginic (IgE) antibody by RAST. *Clinical Allergy*. 3. pp. 583-595.

Level of radioactivity is directly correlated with the level of IgE antibodies to that particular antigen



Performing the test

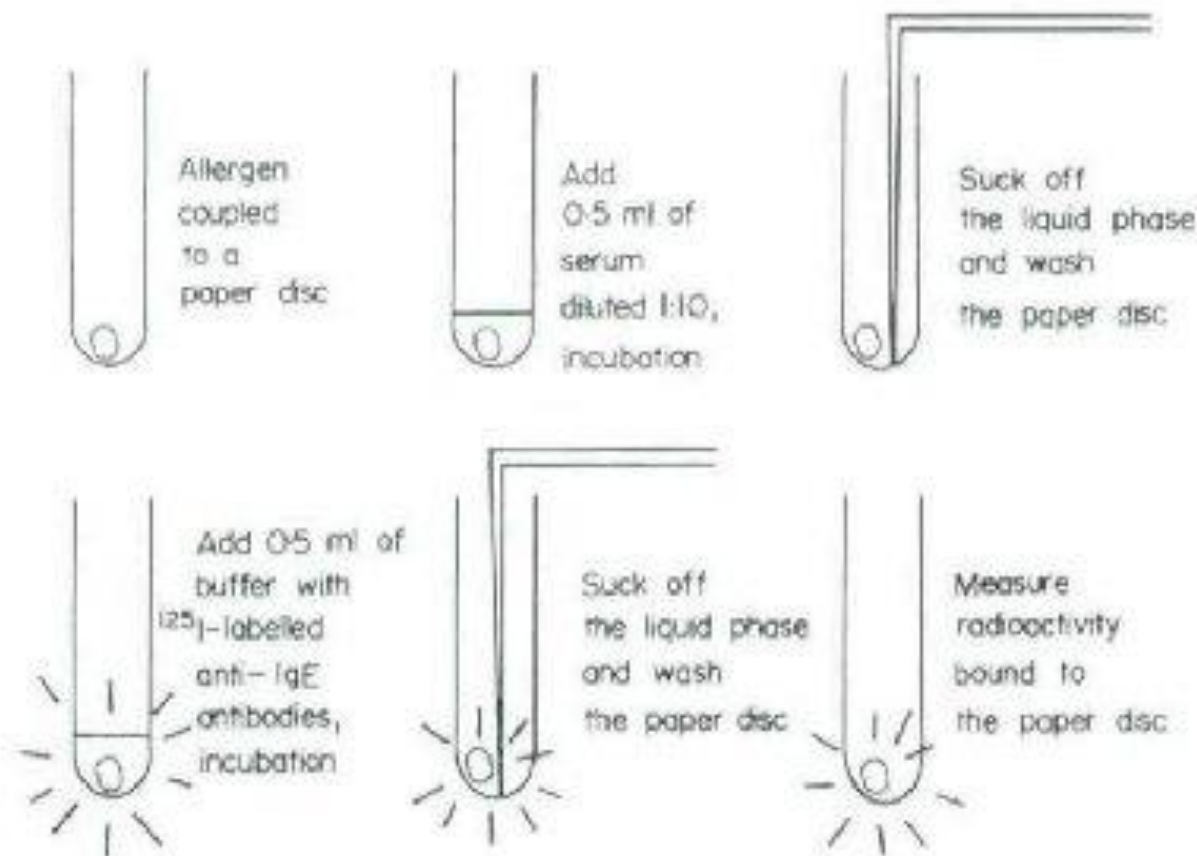


Fig. 3. The principle of RAST using paper disc coupled allergens (from: Wide *et al.*, 1971).

Results

Results are reported in arbitrary units and divided into classes predicting the allergic reaction

RAST rating	IgE level (kU/L)	
0	< 0.35	Undetectable level of IgE
1	0.35 - 0.69	Low level
2	0.70 - 3.49	Moderate level
3	3.50 - 17.49	High level
4	17.50 - 49.99	Very high level
5	50.0 - 100.0	Very high level
6	> 100.0	Extremely high level