

**Online supplementary Table S9: Blood eosinophils and total serum IgE performance to make a diagnosis of asthma**

	N		Population	ICS treated	Reference	AUC	Cut-off	Sensitivity	Specificity	NPV	PPV	95% specificity
<b>Blood Eosinophils</b>												
Hunter Chest 2002	89	Secondary care	Asthma symptoms	46%	BC or BdR or $\Delta$ PEF	?	6.3%	21	100	0,27	100	?
Yurdakul J Asthma 2005	100	Secondary care	Asthma symptoms	48%	BC or BdR or $\Delta$ PEF	?	?	59	71	51	77	?
Popovic-Glre Coll Antropol 2002	195	Secondary care	Asthma symptoms	0%?	BdR	?	?	15	39	74	64	?
Tilemann Prim Care Respir J 2011	210	Primary care	Asthma symptoms	5%	BC or BdR	0.60 (0.52-0.68)	4.2%	36	83	65	59	?
Nekoe ERJ open 2020	702	Secondary care	Asthma symptoms	0%	BC or BdR	0.58 (0.54-0.62)	4.4%	23	91	54	72	5.9%
<b>Total serum IgE</b>												
Yurdakul J Asthma 2005	100	Secondary care	Asthma symptoms	48%	BC or BdR or $\Delta$ PEF	?	?	33	85	46	76	?
Popovic-Glre Coll Antropol 2002	195	Secondary care	Asthma symptoms	0%?	BdR	?	?	51	72	59	72	?
Tilemann Prim Care Respir J 2011	210	Primary care	Asthma symptoms	5%	BC or BdR	0.58	90 Ku/L	47	73	66	54	?
Nekoe ERJ open 2020	702	Secondary care	Asthma symptoms	0%	BC or BdR	0.57	132 Ku/L	41	78	57	64	584 Ku/L

BC: bronchial challenge

BdR: bronchodilator reversibility test

$\Delta$ PEF: peak expiratory flow variability