**TABLE F11.- biomarkers – IgE- SCIT vs SLIT**

| **Study** | **Allergen** | **Arms** | **Time of measure** | **Biomarker** | **Value Pre** | **Value post** | **Units** | **Comparative values** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Mauroa2007 1 | Tree pollen | SLITSCIT | End of pollen season | IgE Bet v1 specific | 44.6±21.752.8±23.1 | 58.4±26.553.1±23.4 | kU/L | SLIT pre versus post p= NSSCIT pre versus post p= NS |
| Piazza1993 2 | Dust mite | SLITSCIT | 2 years | IgE Dp specific | NRNR | NRNR |  | Early conspicuous increase (p<0.005) around 3 months but returned to basal values at 2 yearsno statistically significant change |
| Eifan2010 5 | Dust mite | SLITSCITPharmacotherapy | 1 year | IgE D.f/ D.pt specific | 51.1±38.9/ 59.4 ±42.963.6±37.7/ 69.8±45.360.4±37.7/ 72.4±29.5 | NRNRNR | IU/ml | D.f specific:SCIT pre versus post p=0.03SCIT versus Pharmacotherapy p=0.03SLIT pre versus post p=0.04Pharmacotherapy pre versus post p=NSD.pt specific:SCIT versus Pharmacotherapy p=0.03 |
| Mungan 19996 | Dust mite | SLITSCITPlacebo | 1 year | IgE D.f/ D.pt specific | 505.05311.89288.40 | NRNRNR | kU/ml | No significant changes in all three arms at 12 months compared to baseline |
| Yukselen20117 | Dust mites | SCITSLITPlacebo | 1 year | HDM specific IgE | 806880 | 424875 | IU/ml | SCIT pre vs post p=0.01SLIT pre vs post p=0.02Placebo pre vs post p=0.65 |
| Keles20118 | Dust mites | SCITSLITSCIT+SLITPharmacotherapy | 1 year | Derp1 specific IgE | 62+/-5267+/- 3383+/-2773+/- 37 | 61+/- 5344+/-3285+/-3475+/-41 | IU/ml | No significant differences pre vs post in all groups.No significant differences between IT groups and pharmacotherapy |
| Yukselen20117 | Dust mites (D.pt + D.f) | SCITSLITPlacebo | 1 year | D.pt and D.f specific IgG4 | NR | NR |  | SCIT pre vs post D.pt sIgG4 p=0.007SCIT pre vs post D.f sIgG4 p=0.005SCIT vs SLIT p=0.003 |
| Keles20118 | Dust mites (D.pt and D.f) | SCITSLITSCIT+SLITPharmacotherapy | 1 year | Derp1 specific IgG4 | 0.21+/0.370.14+/-0.10.11+/-0.030.11+/-.11 | 0.22+/-0.415.74+/-4.430.70+/-0.450.09+/-0.08 | Ua/ML | SCIT vs Pharmacotherapy p<0.05SCIT+SLIT vs Pharmacotherapy p<0.05 |