

Table S1. The 2020 Revised comprehensive diagnostic criteria for IgG4-RD

1. clinical and radiological features
One or more organs show diffuse or localized swelling or a mass or nodule characteristic of IgG4-RD.
In single organ involvement, lymph node swelling is omitted.
2. serological diagnosis
Serum IgG4 levels greater than 135 mg/dl.
3. pathological diagnosis
Positivity for two of the following three criteria:
(1) Dense lymphocyte and plasma cell infiltration with fibrosis.
(2) Ratio of IgG4-positive plasma cells /IgG-positive cells greater than 40% and the number of IgG4-positive plasma cells greater than 10 per high powered field
(3) Typical tissue fibrosis, particularly storiform fibrosis, or obliterative phlebitis

Diagnosis:

Definite: 1) +2) +3)

Probable: 1) +3)

Possible: 1) +2)

Table S2. Differences between EGPA and IgG4-RD

	p value
Naive CD4 T cells	0.02
Activated CD4 T cells	0.02
Activated CD8 T cells	0.01
Myeloid Dendritic cells	<0.001
Plasmacytoid Dendritic cells	<0.001