

NRC Rubella 2012

Serology confirmation

100 samples with positive IgM were analysed: 62 sent by external labs and 38 found positive in our routine labs.

The second test performed was positive in 22 cases, equivocal in 22 cases, negative in 50 cases and not performed because of insufficient serum available in 6 cases.

Analysis of the positive and equivocal showed:

22 positive samples corresponding to 21 patients:

- 6 post vaccination
- 2 patients with previous immunity
- 2 patients with another IgM test negative
- 1 patient with known positive IgM since “a long time”
- 10 patients with insufficient clinical and/or biological information and follow up to conclude.

22 equivocal samples corresponding to 18 patients:

- 3 post vaccination
- 2 clear false positive (non-specific reaction)
- 13 patients with insufficient clinical and/or biological information and follow up to conclude.

Analysis of the 6 samples with no second IgM test performed:

6 samples corresponding to 6 patients:

- 3 post vaccination
- 1 patient with previous immunity
- 2 patients with insufficient clinical and/or biological information and follow up to conclude

We didn't observe any seroconversion of IgG excepted in cases of vaccination. We didn't confirm any recent infection on the basis of the serology results.

Prenatal diagnosis

Eleven amniotic fluids from 11 patients was tested by PCR. All were negative. Two placentas were also tested by PCR and were negative.

Diagnosis in children under 6 months

Nine samples from 5 babies were tested by PCR, all were negative.