

Table SI. Test results of serum protein electrophoresis.

Test item	Result	Reference	Method/detection system
Albumin	49.2%	55.8-66.1%	Capillary electrophoresis/SEBIA2
α 1 globulin	3.5%	2.9-4.9%	Capillary electrophoresis/SEBIA2
α 2 globulin	8.0%	7.1-11.8%	Capillary electrophoresis/SEBIA2
β 1 globulin	4.5%	4.7-7.2%	Capillary electrophoresis/SEBIA2
β 2 globulin	19.2%	3.2-6.5%	Capillary electrophoresis/SEBIA2
γ globulin	15.6%	11.1-18.8%	Capillary electrophoresis/SEBIA2
IgG- κ type M protein	Negative	Negative	Capillary electrophoresis
IgG- λ type M protein	Negative	Negative	Capillary electrophoresis

Table SII. Test results of immunofixation electrophoresis.

Test item	Result	Reference	Method/detection system
IgM- κ type M protein	Negative	Negative	Capillary electrophoresis
IgM- λ type M protein	Positive	Negative	Capillary electrophoresis
IgA- κ type M protein	Negative	Negative	Capillary electrophoresis
IgA- λ type M protein	Negative	Negative	Capillary electrophoresis
Light chain κ type M protein	Negative	Negative	Capillary electrophoresis
Light chain λ type M protein	Negative	Negative	Capillary electrophoresis
Heavy chain M protein	Negative	Negative	Capillary electrophoresis

Table SIII. Test results of genetic mutation detection.

MYD88 gene L265P mutation detection	Test method	Result
Detection result	ddPCR	Positive
Mutation ratio	ddPCR	2.89%

MYDD88, MYD88 innate immune signal transduction adaptor; ddPCR, droplet digital PCR.

Table SIV. Test results of bone marrow histology morphology.

Cell name	Marrow slice, %	Reference, %
Granulocyte system		
Myeloblast	0.50	0.64±0.33
Promyelocyte	2.00	1.57±0.06
Myelocyte	4.00	6.49±2.04
Metamyelocyte	7.50	7.90±1.97
Neutral rod-shaped nucleus	12.00	23.72±3.5
Neutral lobed nucleus	10.50	9.44±2.92
Eosinophilic late-onset granules	1.00	0.49±0.32
Eosinophilic rod-shaped nucleus	1.00	1.25±0.61
Acidophilic lobulated nucleus	1.00	0.86±0.61
Basophilic lobulated nucleus	0.50	0.03±0.05
Red blood cell system		
Pronormoblast	0.50	0.57±0.30
Basophilic erythroblast	2.00	0.92±0.41
Moderate normoblast	7.50	7.41±1.91
Late normoblast	7.50	10.75±2.36
Lymphocytes		
Mature lymphocytes	35.00	22.78±7.04
Monocytes		
Mature monocytes	3.50	3.0±0.88
Plasma cell		
Mature plasma cell	4.00	0.710±0.42
Megakaryocyte		
Total number of megakaryocytes	94	7-35
Granulocyte system: Red blood cell system	2.29:1	2-4:1

Total number of nucleated cells in bone marrow slices: n=200.

Table SV. Test results of bone marrow histology morphology.

Inspecting item	Result
Lymphocyte population	13.72%
Granulocyte population	68.96%
Mononuclear cell population	5.34%
Red blood cell mass	7.82%