

and the wavy line represents a position at which the ligand is bound to the substrate); and wherein the content of the phenyl group is more than 0 mmol and not more than 7.0 mmol per 1 g dry weight of the water-insoluble material.

(4)

5 The material for blood purification, according to any one of (1) to (3), wherein the substrate is a polystyrene or polysulfone, or a derivative thereof.

(5)

 The material for blood purification, according to any one of (1) to (4), wherein the material is in the form of fibers or particles.

10 (6)

 The material for blood purification, according to any one of (1) to (5), wherein the material is in the form of a knitted fabric having an opening ratio of 0.1 to 30.0%.

(7)

15 The material for blood purification, according to any one of (1) to (6), wherein the material is for removing a cytokine and an activated leukocyte-activated platelet complex.

(8)

 An apparatus for blood purification, the apparatus comprising the material for blood purification, according to any one of (1) to (7).

SUMMARY

20 [0020a]

 In one aspect, there is provided a material for blood purification, the material comprising a water-insoluble material in which a ligand having an amide group(s) and an amino group(s) is bound to a substrate, wherein the content of the amide group(s) is 3.0 to 7.0 mmol per 1 g dry weight of the water-insoluble material; and wherein the content of the

25 amino group(s) is 1.0 to 7.0 mmol per 1 g dry weight of the water-insoluble material.

[0020b]

 In another aspect, there is provided an apparatus for blood purification, the apparatus comprising the material for blood purification, as described herein.

EFFECT OF THE INVENTION

30 [0021]

 The material for blood purification according to the present invention can remove cytokines and activated leukocyte-activated platelet complexes, so that the material can be used as a carrier for blood purification.

BRIEF DESCRIPTION OF DRAWINGS

35 [0022]

 Fig. 1 is a view showing the opening portions and the non-opening portions in