

## ABSTRACT

The refrigerator according to the present invention includes a refrigerator compartment set to a refrigeration temperature zone; a super-cooling storage compartment provided on a lower side in the refrigerator compartment and adapted to cool an object to be cooled such that the object-to-be-cooled reaches a super-cooling temperature equal to or lower than a freezing temperature below the refrigeration temperature zone; and a top plate made up of a plurality of flat-plate transparent elements and configured to serve as a top face of the super-cooling storage compartment, the plurality of transparent elements enclosing a gas by facing one another.