

LIST OF ABBREVIATION

µg	Microgram
Aa	Amino acid
Abs	Antibodies
ACD	anemia of chronic disease
ACE inhibitors	angiotensin-converting-enzyme inhibitor
AGE	glycosylated end-products
ANCA	<i>Anti-neutrophil cytoplasmic antibodies</i>
anti-BMP6	<i>Anti-Bone Morphogenetic Protein 6</i>
BFU-E	burst-forming units
BM PR	bone morphogenetic protein receptor
BMPs	morphogenetic proteins
CAPD	Continous ambulatory peritoneal dialysis
CBC	Complete blood count
CCPD	Continuous cyclic peritoneal dialysis
CEPD	Continuous flow peritoneal dialysis
CFU-E	colony-forming units
CHD	Chronic Heamodialysis
CHr	reticulocyte hemoglobin content
CKD	chronic kidney disease
CRF	chronic renal failure
CRP	C-reactive protein
CVD	Cardiovascular Disease
DMT	Divalent metal transporter
DOPPS	Dialysis Outcomes and Practice Patterns Study
ELISA	Enzyme-linked immunosorbent assay
Epo	erythropoietin
ESAs	erythropoiesis-stimulating agent

ESRD	end-stage renal disease
Fe²⁺	Ferrous iron
Fe³⁺	Ferric iron
Fp	ferroportin
Ft	Ferritin
G	gram
GM-CSF	Granulocyte macrophages colony –stimulation factors
H₂O₂	Hydrogen peroxidase
Hb	hemoglobin
HBD	hepcidin-binding domain
HEMO	Hemodialysis (HEMO) Study
HF	hemofiltration
<i>HFE</i>	gene encodes the Human hemochromatosis protein
HIF	<i>Hypoxia-inducible factors</i>
Hs-CRP	High sensitive C-reactive protein
IL-6	<i>interleukin 6</i>
IPD	Intermittent peritoneal dialysis
IV	intravenous
JAK-STAT	Janus kinase- Signal Transducer and Activator of Transcription
K-DOQI	Kidney Disease Outcomes Quality Initiative
L	Liter
LEAP-1	Liver expressed-antimicrobial peptid-1
MCH	mean corpuscular hemoglobin
MCHC	mean corpuscular hemoglobin concentration
MCV	mean corpuscular volume
ML	Mililiter
MVB	Multivesicular body
ng	nanogram
NKF	National Kidney Foundation

nm	nanometer
OI-HDF	Online heamodiafiltration
PD	peritoneal dialysis
PTH	Parathormone
P-value	The probability of chance error
R	<i>Spearman product-moment coefficient of correlation</i>
RBC	<i>Red blood cell</i>
rHuEpo	<i>Recombiant human erythropoitin</i>
RRT	renal replacement therapy
STAT3	<i>Signal transducer and activator of transcription 3</i>
STfR	Soluble transferrin receptor
TF	Transferrin
TFR-1	Transferrin receptor 1
TfR2	Transferrin receptor 2
TGF	<i>transforming growth factor</i>
TIBC	<i>Total iron binding cabacity</i>
TNF	Tumer necrosis factors
TPD	Tidal peritoneal dialysis
TSAT	Transferrin saturation
β₂m	beta 2-microglobulin